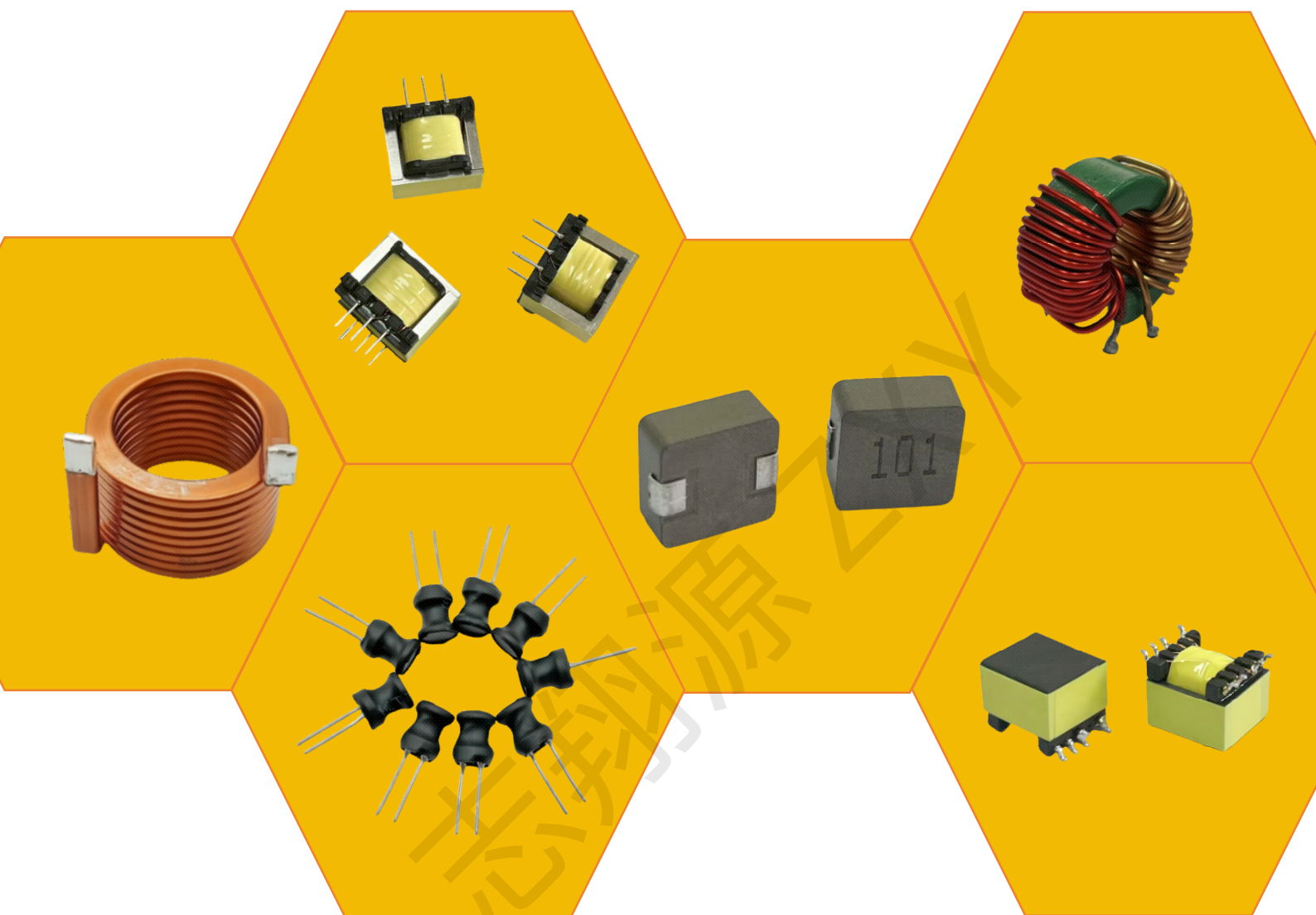


深圳市志翔源电子有限公司

SHENZHEN ZHIXIANGYUAN ELECTRONICS CO.



产 品 目 录

Product Catalog

公司简介:

深圳市志翔源电子有限公司是一家专业提供定制化解决方案的高新技术企业，主要产品包括音频变压器、电感、线圈、PCB 无线充电模块、电流互感器等。公司位于中国广东省深圳市，拥有超过 20 年的制造与出口经验。志翔源在惠州和广安设有两大生产基地，总占地面积超过 5000 平方米，年产符合 ROHS 环保标准的电感产品达 1.2 亿只。我们的产品已通过 CE、ISO、RoHS 等认证，确保品质稳定可靠，用户可放心选购。志翔源的产品广泛应用于通讯设备、医疗电子、汽车电子、运动健身器材、声卡、麦克风、扫地机器人、美容设备及消费类电子产品等多个领域。公司拥有一支经验丰富的研发和生产团队，配备先进的生产设备和检测仪器，采用工业级原材料和独特技术，致力于为客户提供最优质、最全面的定制服务。我们诚挚欢迎您的咨询与采购。

Shenzhen Zhixiangyuan Electronics Co., Ltd. is a high-tech enterprise specializing in providing customized solutions for audio transformers, inductors, coils, PCB wireless charging modules, current transformers, etc. The company is located in Shenzhen, Guangdong Province, China, with more than 20 years of experience in manufacturing and exporting. ZXY has two production bases in Huizhou and Guang'an, covering a total area of more than 5000 square meters, with an annual production capacity of 120 million inductors complying with ROHS environmental standards. Our products have passed CE, ISO, RoHS certificates to ensure stable and reliable quality, users can rest assured that the purchase. With an experienced R&D and production team, advanced production equipment and testing instruments, industrial-grade raw materials and unique technology, we are committed to providing customers with the highest quality and most comprehensive customized services. We sincerely welcome your inquiries and purchases.

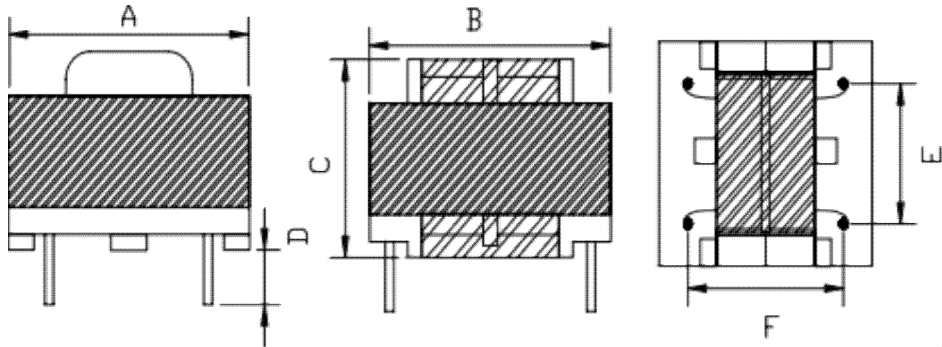


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高频变压器 High Frequency Transformer: EE Series

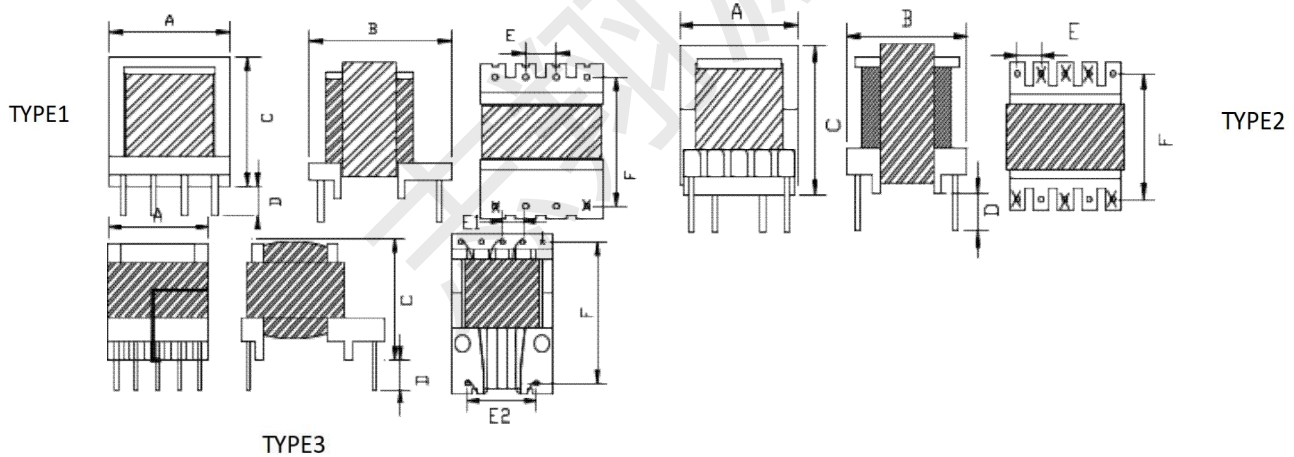
--EE8.3/EE10 Transformer:



MECHANICAL DIMENSION (UNIT:mm)

Specifications	A	B	C	D	E	F	Notes
ZXY-EE8.3	9.5 Max	9.5 Max	9.5 Max	4.0±0.5	5.0±0.5	6.75±0.5	
ZXY-EE10	11.5 Max	12.5 Max	11.5 Max	4.0±0.5	5.0±0.5	8.9±0.5	

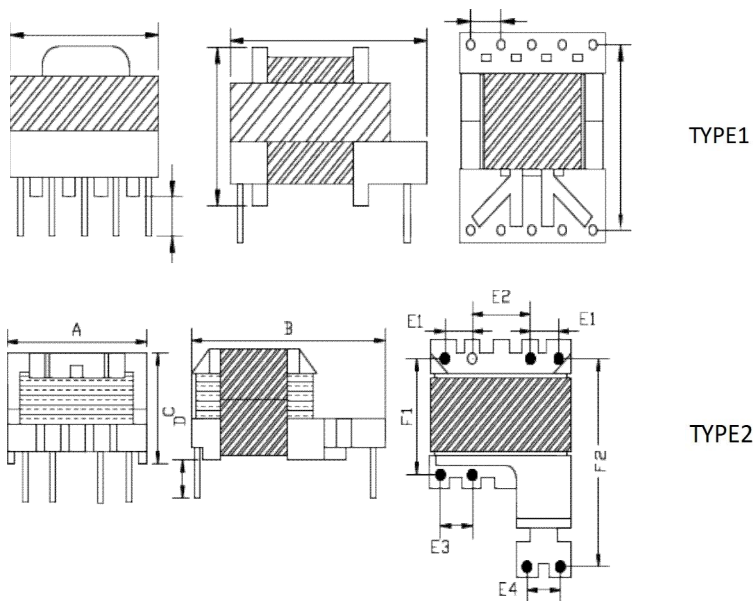
--EE13 Transformer:



MECHANICAL DIMENSION (UNIT:mm)

Specifications	A	B	C	D	E	F	Notes
ZXY-EE13	14.0 Max	17.5 Max	15.0 Max	4.0 Ref	3.5±0.5	13.0±0.5	TYPE 1
ZXY-EE13	14.0 Max	12.5 Max	14.5 Max	4.0 Ref	2.5±0.5	9.0±0.5	TYPE 2
ZXY-EE13	14.0 Max	21.0 Max	14.5 Max	4.0 Ref	2.75±0.5 9.0±0.5	16.0±0.5	TYPE 3

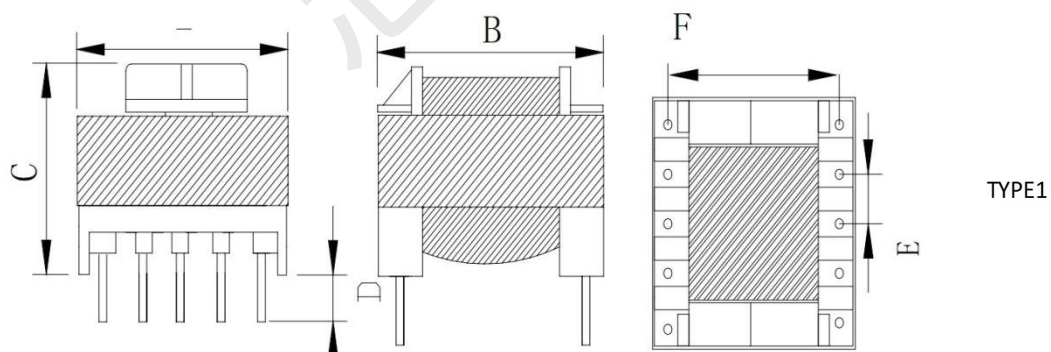
--EE16 Transformer:

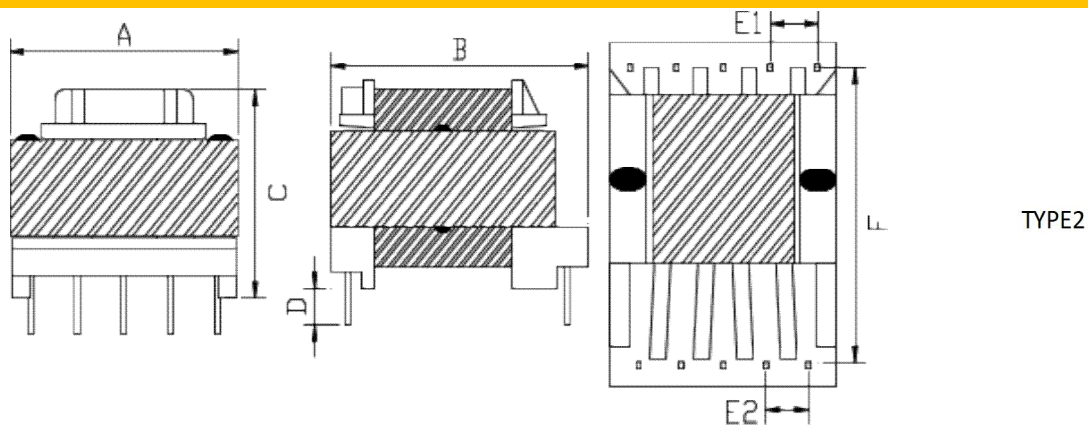


MECHANICAL DIMENSION (UNIT:mm)

Specifications	A	B	C	D	E	F	Notes
ZXY-EE16	18.0 Max	25.0 Max	13.0 Max	4.0 Ref	E1 3.3±0.5 E2 5.4±0.5 E1 2.9±0.5 E1 3.2±0.5	F1 12.0±0.5 F1 20.0±0.5	TYPE 1
ZXY-EE16	17.0 Max	22.5 Max	14.0 Max	4.0 Ref	3.2±0.5	15.8±0.5	TYPE 2

--EE19 Transformer:



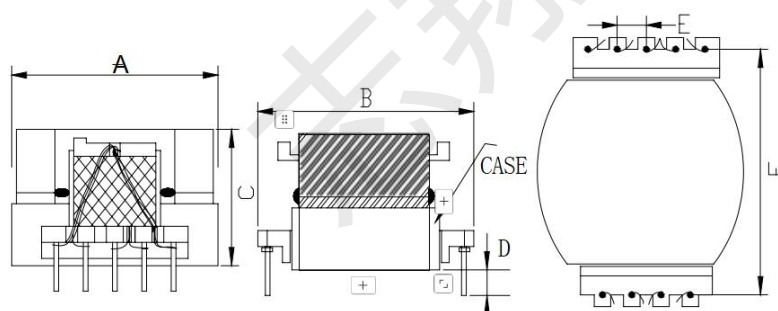


MECHANICAL DIMENSION (UNIT:mm)

Specifications	A	B	C	D	E	F	Notes
ZXY-EE19	20.5 Max	19.5 Max	16.5 Max	4.0 Ref	3.0±0.5	12.5±0.5	TYPE 1
ZXY-EE19	25.0 Max	40.0 Max	18.5 Max	4.0 Ref	E1 5.0±0.5 E2 4.5±0.5	32.5±0.5	TYPE 2

POT Series

--POT33 Transformer:

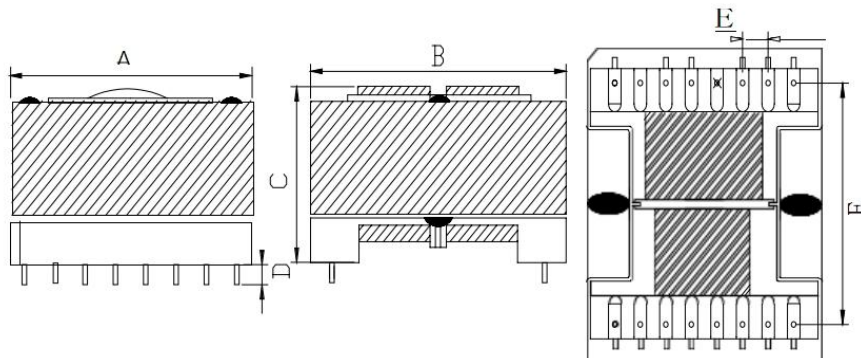


MECHANICAL DIMENSION (UNIT:mm)

Specifications	A	B	C	D	E	F	Notes
ZXY-POT33	36.5 Max	39.5 Max	20.0 Max	4.0 Ref	5.0±0.5	33.5±0.5	

ETD Series

--ETD Transformer:

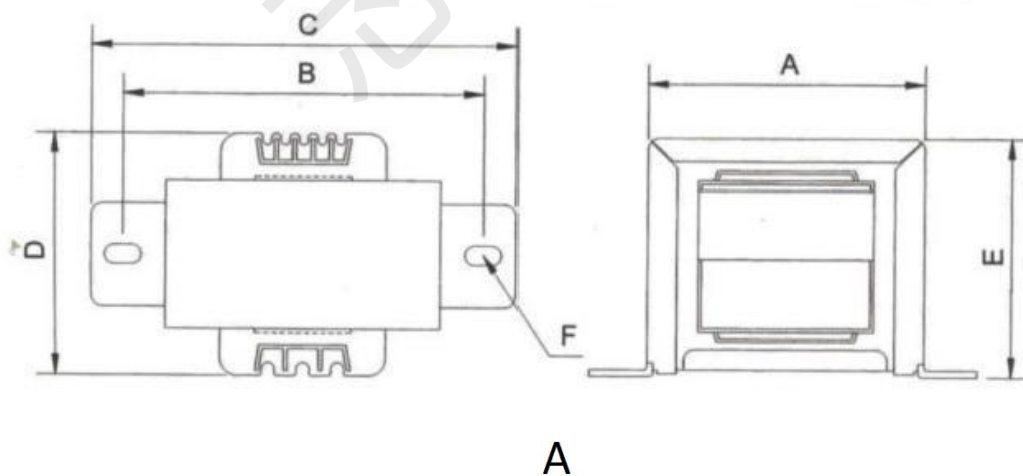


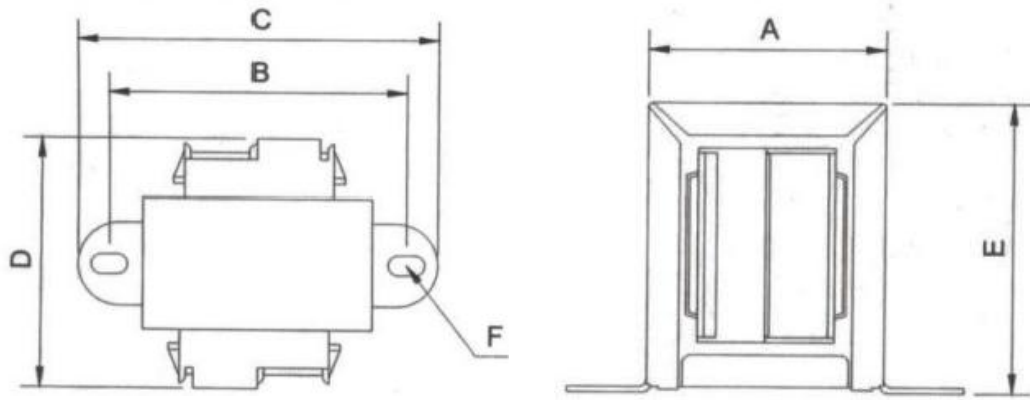
MECHANICAL DIMENSION (UNIT:mm)

Specifications	A	B	C	D	E	F	Notes
ZXY-ETD44	46.0 Max	50.0 Max	29.5 Max	4.0 Ref	5.0 ± 0.5	35.0 ± 0.5	
ZXY-ETD49	53.0 Max	56.0 Max	38.0 Max	4.0 Ref	5.5 ± 0.5	44.8 ± 0.5	

EI Series

--EI28/EI76 Transformer:





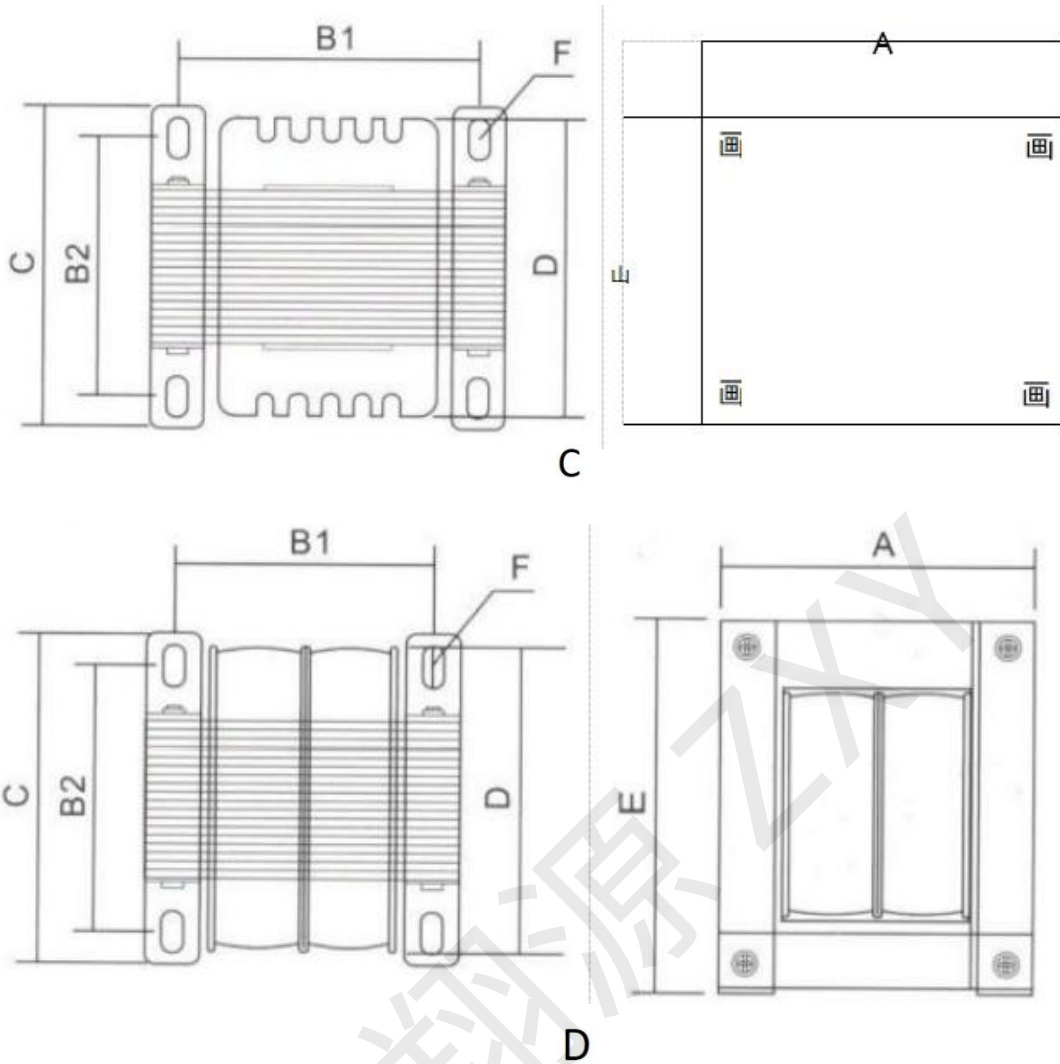
B

铁 芯 规 格 Core size	输出功率 Output Power	参考尺寸(单位: mm)Reference dimension						安装形式 Installation mode
		A	B	C	D	E	F	
ZXY-EI-28x11.5	0.3VA-1.8VA	29.5	40	49	25.4	27	Φ3.5x5.0	PictureA
		27	38	46.5	25.4	30	Φ3.5x5.0	PictureB
ZXY-EI-35×11.5	0.8VA-2.1VA	36.5	45	63	29.8	31.5	Φ3.5x5.0	PictureA
		31.5	40	58	29.8	37	Φ3.5x5.0	PictureB
ZXY-EI-35×13.5	1.0VA-2.7VA	36.7	45	55	33.2	31.7	Φ3.5x5.0	PictureA
		31	40	50	33.2	37.3	Φ3.5x5.0	PictureB
ZXY-EI-35x15.5	1.5VA-3.5VA	37	46	55	34.2	33	Φ3.5x6.5	PictureA
		31	40	50	34.2	37.5	Φ3.5x6.5	PictureB
ZXY-EI-35x17.5	2.5VA-4.5VA	37	46	55	36.5	33	Φ3.5x6.5	PictureA
		31	40	50	36.5	37.5	Φ3.5x6.5	PictureB
ZXY-EI-41×16.5	2.0VA-4.5VA	42.7	53	62	36.5	36	Φ4.0x6.5	PictureA
		35	46	55	36.5	43.2	Φ4.0x6.5	PictureB
ZXY-EI-41x20.5	3.0VA-6.0VA	42.7	52.5	62.5	41.2	35.5	Φ4.0x6.5	PictureA
		34.5	46	56	41.2	43	Φ4.0x6.5	PictureB
ZXY-EI-41x24.5	5.0VA-8.5VA	42.7	53	62.3	49	36	Φ4.0x6.5	PictureA
		34.5	46	57	49	43	Φ4.0x6.5	PictureB
ZXY-EI-41x26.5	6.0VA-10.0VA	42.7	53	62.3	52	36	Φ4.0x6.5	PictureA
		34.5	46	57	52	43.2	Φ4.0x6.5	PictureB
ZXY-EI-48x20.5	6.0VA-10.0VA	49.7	61	69.5	40	43.5	Φ4.0x7.5	PictureA
		42	53	63.5	40	51	Φ4.0x7.5	PictureB
ZXY-EI-48x25.5	10.0VA-15.0VA	50	61	70	42	44	Φ4.0x7.0	PictureA
		42	53	63.5	42	51	Φ4.0x7.0	PictureB
ZXY-EI-48x30.0	14.0CV-20.0VA	49.7	61	73	54.4	43.5	Φ4.0x7.0	PictureA
		42	53	63	54.4	51	Φ4.0x7.0	PictureB
ZXY-EI-48x35.0	16.0VA-25.0VA	50	61	74	58.5	43.8	Φ4.0x7.0	PictureA
		42	53	65	58.5	51	Φ4.0x7.0	PictureB
ZXY-EI-54x24.0	12.0VA-17.0VA	56	72	86.6	49.4	46.8	Φ4.0x7.0	PictureA



		45	62	75.6	49.4	58	Φ4.0x7.0	PictureB
ZXY-EI-54x28.0	18.0VA-25.0VA	56	72	86	49.4	48.5	Φ4.0x7.0	PictureA
		45	62	76	49.4	58	Φ4.0x7.0	PictureB
ZXY-EI-54x30.0	20.0VA-27.0VA	56	72	86.2	49.8	47	Φ4.0x7.0	PictureA
		45	62	76	49.8	58	Φ4.0x7.0	PictureB
ZXY-EI-57×19.0	8.0VA-12.0VA	59	71	83.5	41	50.5	Φ5.0x8.0	PictureA
		50	62	77.6	41	61	Φ5.0x8.0	PictureB
ZXY-EI-57x24.5	12.0VA-20.0VA	59.5	71	85.6	49.8	49.6	Φ5.0x8.0	PictureA
		50.1	62	73.5	49.8	61	Φ5.0x8.0	PictureB
ZXY-EI-57x30.0	25.0VA-30.0VA	59	71	85.6	52.7	50.4	Φ5.0x8.0	PictureA
		49.9	62	77.6	52.7	60	Φ5.0x8.0	PictureB
ZXY-EI-57x35.0	30.0VA-38.0VA	59.5	71	83.5	59	52	Φ5.0x8.0	PictureA
		49.8	62	73.5	59	61	Φ5.0x8.0	PictureB
ZXY-EI-57x40.0	33.0VA-43.0VA	59.5	71	83.5	64	52	Φ5.0x8.0	PictureA
		49.8	62	73.5	64	61	Φ5.0x8.0	PictureB
ZXY-EI-60x25.0	16.0VA-22.0VA	62.2	72	83	50	53	Φ5.0x8.0	PictureA
		51	62	74.5	50	63.3	Φ5.0x8.0	PictureB
ZXY-EI-60x30.0	22.0VA-33.0VA	62	72	84	53	54.2	Φ5.0x8.0	PictureA
		51.5	62	75	53	63.5	Φ5.0x8.0	PictureB
ZXY-EI-66x28.0	22.0VA-30.0VA	68.2	82	98	56	58.3	Φ5.0x8.0	PictureA
		58	71	83.6	56	70.4	Φ5.0x8.0	PictureB
ZXY-EI-66x32.0	33.0VA-40.0VA	68.2	82	94.3	60	58.3	Φ5.0x8.0	PictureA
		58.1	71	84	60	70	Φ5.0x8.0	PictureB
ZXY-EI-66x36.0	40.0VA-55.0VA	68.2	82	98.5	65	57.8	Φ5.0x8.0	PictureA
		58	71	83.5	65	71	Φ5.0x8.0	PictureB
ZXY-EI-66x40.0	55.0VA-65.0VA	68.2	81	94	75	58	Φ5.0x8.0	PictureA
		58	72	83.5	75	71	Φ5.0x8.0	PictureB
ZXY-EI-66x45.0	65.0VA-80.0VA	68.2	82	93	80	58	Φ5.0x8.0	PictureA
		58.1	71	82.5	80	72	Φ5.0x8.0	PictureB
ZXY-EI-76x35.0	35.0VA-65.0VA	78.5	90	101	65	67.5	Φ5.0x8.0	PictureA
		66.5	81	95	50	80.5	Φ5.0x8.0	PictureB
ZXY-EI-76x40.0	55.0VA-80.0VA	79	92	104	70	66.9	Φ5.0x8.0	PictureA
		66.5	81	95	70	81	Φ5.0x8.0	PictureB
ZXY-EI-76x42.5	70.0VA-100.0VA	79	92	105	75	68	Φ5.0x8.0	PictureA
		66.5	81	95	75	81	Φ5.0x8.0	PictureB

--EI76/EI162 Transformer:

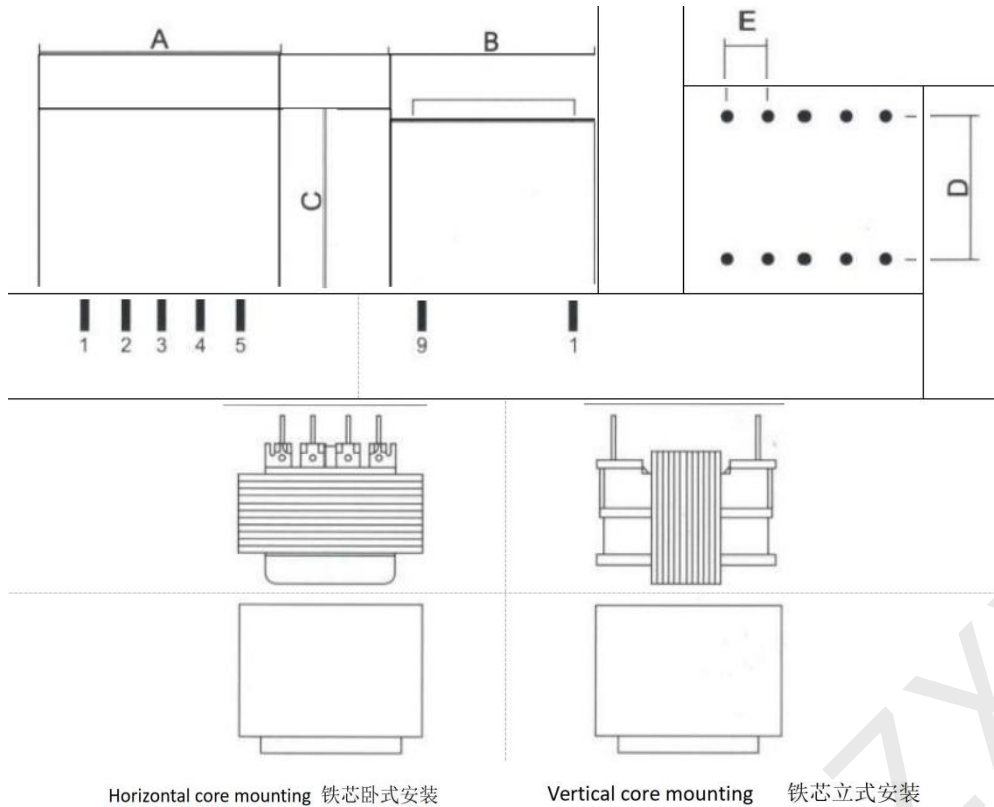


铁芯规格 Core size	输出功率 Output Power	参考尺寸(单位: mm)Reference dimension							安装形式 Installation mode
		A	B1	B2	C	D	E	F	
ZXY-EI-76x56.0	90.0VA-150VA	76.0	64.0	74.0	86.0	95.0	69.0	Φ5.0x8.0	图 PictureC
		63.5	50.5	74.0	86.0	95.0	78.0	Φ5.0x8.0	图 PictureD
ZXY-EI-76x66.0	120VA-190VA	76.0	64.0	84.0	96.0	105.0	69.0	Φ5.0x8.0	图 PictureC
		63.5	50.5	84.0	96.0	105.0	78.0	Φ5.0x8.0	图 PictureD
ZXY-EI-86x43.0	70.0VA-120VA	86.0	71.0	68.0	83.0	75.0	71.5	Φ5.0x8.0	图 PictureC
		71.5	57.0	68.0	83.0	75.0	87.0	Φ5.0x8.0	图 PictureD
ZXY-EI-86x45.0	110VA-150VA	86.0	71.0	70.0	85.0	80.0	72.0	Φ5.0x8.0	图 PictureC
		71.5	57.0	70.0	85.0	80.0	87.0	Φ5.0x8.0	图 PictureD
ZXY-EI-86x55.0	130.0VA-200VA	86.0	71.0	80.0	95.0	85.0	73.0	Φ5.0x8.0	图 PictureC
		71.5	57.0	80.0	95.0	85.0	88.0	Φ5.0x8.0	图 PictureD
ZXY-EI-96×32.0	55.0VA-80.0VA	96.0	80.0	57.0	72.0	55.0	82.0	Φ5.0x8.0	图 PictureC



ZXY-EI-96x40.0	100VA-150VA	80.0	64.0	57.0	72.0	55.0	96.5	Φ5.0x8.0	图 PictureD
		96.0	80.0	65.0	80.0	65.0	82.0	Φ5.0x8.0	图 PictureC
ZXY-EI-96x45.0	130VA-180VA	80.0	64.0	65.0	80.0	65.0	96.5	Φ5.0x8.0	图 PictureD
		96.0	80.0	70.0	85.0	70.0	82.0	Φ5.0x8.0	图 PictureC
ZXY-EI-96x50.0	160VA-220.0VA	80.0	64.0	70.0	85.0	70.0	96.5	Φ5.0x8.0	图 PictureD
		96.0	80.0	75.0	90.0	75.0	82.0	Φ5.0x8.0	图 PictureC
ZXY-EI-96x56.0	200.0VA-250VA	80.0	64.0	75.0	90.0	75.0	96.5	Φ5.0x8.0	图 PictureD
		96.0	80.0	82.0	97.0	82.0	82.0	Φ5.0x8.0	图 PictureC
ZXY-EI-105x38.0	90.0VA-130VA	80.0	64.0	82.0	97.0	82.0	96.5	Φ5.0x8.0	图 PictureD
		105.0	87.5	56.0	68.0	63.0	91.0	Φ5.0x10.0	图 PictureC
ZXY-EI-105x56.0	130VA-280VA	87.5	70	56.0	68.0	63.0	105.0	Φ5.0x10.0	图 PictureD
		105.0	87.5	74.0	86.0	81.0	91.0	Φ5.0x10.0	图 PictureC
ZXY-EI-114x50.0	200VA-260VA	87.5	70	74.0	86.0	81.0	105.0	Φ5.0x10.0	图 PictureD
		114.0	95.0	78.0	94.0	90.0	96.0	Φ5.0x10.0	图 PictureC
ZXY-EI-114x60.0	250VA-360VA	96.0	77.0	78.0	94.0	90.0	114.0	Φ5.0x10.0	图 PictureD
		114.0	95.0	88.0	104.0	110.0	96.0	Φ5.0x10.0	图 PictureC
ZXY-EI-114x70.0	350VA-500VA	96.0	77.0	88.0	104.0	110.0	114.0	Φ5.0x10.0	图 PictureD
		114.0	95.0	98.5	114.5	120.0	96.0	Φ5.0x10.0	图 PictureC
ZXY-EI-133×50.0	250VA-360VA	96.0	77.0	98.5	114.5	120.0	114.0	Φ5.0x10.0	图 PictureD
		133	111	75	100	105	111	Φ5.0x10.0	图 PictureC
ZXY-EI-133x60.0	300VA-600VA	111	89	75	100	105	133	Φ5.0x10.0	图 PictureD
		133	111	85	110	115	111	Φ5.0×10.0	图 PictureC
ZXY-EI-133x70.0	500VA-800VA	111	89	85	110	115	133	Φ5.0x10.0	图 PictureD
		133	111	95	120	120	111	Φ5.0x10.0	图 PictureC
ZXY-EI-152x50.0	400VA-600VA	111	89	95	120	120	133	Φ5.0x10.0	图 PictureD
		152	127	82	110	113	127	Φ6.0x15.0	图 PictureC
ZXY-EI-152x60.0	500VA-800VA	127	102	82	110	113	152	Φ6.0x15.0	图 PictureD
		152	127	92	120	123	127	Φ6.0x15.0	图 PictureC
ZXY-EI-152x70.0	700VA-1000VA	127	102	92	120	123	152	Φ6.0x15.0	图 PictureD
		152	127	102	130	133	127	Φ6.0x15.0	图 PictureC
ZXY-EI-162×50.0	500VA-700VA	127	102	102	130	133	152	Φ6.0x15.0	图 PictureD
		162	135	84	113	115	135	Φ6.0x18.0	图 PictureC
ZXY-EI-162x60.0	700VA-900VA	135	108	84	113	115	162	Φ6.0x18.0	图 PictureD
		162	135	94	123	125	135	Φ6.0x18.0	图 PictureC
ZXY-EI-162x70.0	800VA-1200VA	135	108	94	123	125	162	Φ6.0x18.0	图 PictureD
		162	135	104	130	133	135	Φ6.0x18.0	图 PictureC
ZXY-EI-162x85.0	1000VA-1800VA	135	108	104	130	133	162	Φ6.0x18.0	图 PictureD
		162	135	120	145	150	135	Φ6.0x18.0	图 PictureC
ZXY-EI-162×90.0	1600VA-2000VA	135	108	120	145	150	162	Φ6.0x18.0	图 PictureD
		162	135	125	150	155	135	Φ6.0x18.0	图 PictureC
		135	108	125	150	155	162	Φ6.0x18.0	图 PictureD

--EI28/EI48 Waterproof Transformer:



铁芯规格 Core size	输出功率 Output Power	参考尺寸(单位: mm)Reference dimension					安装形式 Installation mode
		A	B	C	D	E	
ZXY-EI-28x12.0	0.50~1.00	32.1	27.1	24.0	20.0	5.0	卧式(horizontal type)
ZXY-EI-28x15.0	1.00~1.500	32.1	27.1	26.7	20.0	5.0	卧式(horizontal type)
ZXY-EI-28x15.0	1.50~1.80	33.6	27.9	34.0	19.7	5.0	卧式(horizontal type)
ZXY-EI-28x18.0	1.60~2.0	33.6	27.9	35.3	19.7	5.0	卧式(horizontal type)
ZXY-EI-30x10.5	0.50~1.00	32.2	27.2	21.8	20.0	5.0	卧式(horizontal type)
ZXY-EI-30x12.0	0.50~1.20	32.7	27.7	23.7	19.8	5.0	卧式(horizontal type)
ZXY-EI-30x15.0	1.20~1.60	32.7	27.7	26.2	19.7	5.0	卧式(horizontal type)
ZXY-EI-30x18.0	1.50~2.00	32.2	27.2	28.8	20.0	5.0	卧式(horizontal type)
ZXY-EI-35x11.0	0.80~1.20	38.0	32.5	27.7	22.4	7.5*5.0	卧式(horizontal type)
ZXY-EI-35x13.0	1.00~1.50	38.0	32.5	30.0	22.4	7.5*5.0	卧式(horizontal type)
ZXY-EI-35x15.0	1.30~2.00	38.0	32.5	31.7	22.4	7.5*5.0	卧式(horizontal type)
ZXY-EI-35x18.0	1.80~2.50	38.0	32.5	34.7	22.4	7.5*5.0	卧式(horizontal type)
ZXY-EI-35x20.0	2.40~2.80	38.0	32.5	36.7	22.4	7.5*5.0	卧式(horizontal type)
ZXY-EI-35x24.5	2.80~3.50	42.7	37.5	33.0	32.0	7.5*6.0	立式(vertical type)
ZXY-EI-38x13.6	1.20~1.80	41.2	34.8	27.8	25.0	5.0	卧式(horizontal type)
ZXY-EI-38x15.0	1.80~2.50	41.2	34.8	30.0	24.7	5.0	卧式(horizontal type)
ZXY-EI-41x14.5	2.50~3.0	43.0	35.0	37.5	23.0	7.0*5.0	卧式(horizontal type)
ZXY-EI-41x16.5	3.0~4.20	43.0	35.0	39.5	23.0	7.0*5.0	卧式(horizontal type)



ZXY-EI-41x18.5	4.0~5.0	43.0	35.0	41.4	23.0	7.0*5.0	卧式(horizontal type)
ZXY-EI-41x20.5	5.0~6.5	44.1	39.0	36.1	33.2	5.0	立式(vertical type)
ZXY-EI-41x25.0	6.5~7.50	44.1	43.5	36.1	33.2	5.0	立式(vertical type)
ZXY-EI-42x14.8	2.50~3.50	45.0	38.0	32.3	25.0	5.0	卧式(horizontal type)
ZXY-EI-48x18.0	6.0~8.0	52.0	43.80	39.0	30.0	7.50	卧式(horizontal type)
ZXY-EI-48x21.0	7.0~12.0	52.0	43.80	42.0	30.0	7.50	卧式(horizontal type)
ZXY-EI-48x25.0	12.0~15.0	52.0	43.80	46.0	30.0	7.50	卧式(horizontal type)
ZXY-EI-48x30.0	15.0~18.0	52.0	43.80	50.80	30.0	7.50	卧式(horizontal type)

志翔源 ZXY

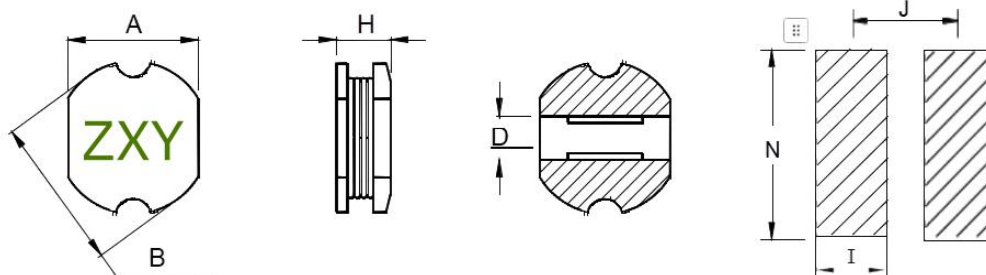
* 以上尺寸仅供参考，可以根据客户要求调整。

Reference value of the above dimensions, We can adjusted it according to your requirements.

电感 Inductor:

Chip Inductors

--ECD Power Inductor



TYPE	A±0.3	B±0.3	H±0.3	D	N	I	J
ZXYECD31	3	3.5	1.2	1	4	1.5	2.3
ZXYECD32	3	3.5	2.1	1	4	1.5	2.3
ZXYECD42	4	4.5	2	1.5	4.5	2	3
ZXYECD43	4	4.5	3.2	1.5	4.5	2	3
ZXYECD52	5.2	5.8	2.1	1.6	5.5	2.5	3.7
ZXYECD53	5.2	5.8	3.5	1.6	5.5	2.5	3.7
ZXYECD54	5.2	5.8	4.5	1.6	5.5	2.5	3.7
ZXYECD73	7	7.8	3.5	2.1	7.5	3.5	5
ZXYECD75	7	7.8	5	2.1	7.5	3.5	5
ZXYECD104	9	10	4	2.9	9.5	4.5	7
ZXYECD105	9	10	5.4	2.9	9.5	4.5	7

Ordering Information :

ZXYECD - 31 - 101 K

- (1)Type : ZXYECD Power Inductor.
- (2)Style : 31 : **A**=3.0mm, **C**=1.2mm.
- (3)Inductance : 101 for 100μH.
- (4)Inductance tolerance : "**N**": ±30%; "**M**": ±20%; "**K**": ±10%



Ordering Information :

ZXYECD - 54 - 102 K

- (1)Type : ZXYECD Power Inductor.
- (2)Style : 54 : **A**=5.2mm, **C**=4.5mm.
- (3)Inductance : 102 for 1000μH.
- (4)Inductance tolerance : "**N**": ±30%; "**M**": ±20%; "**K**": ±10%

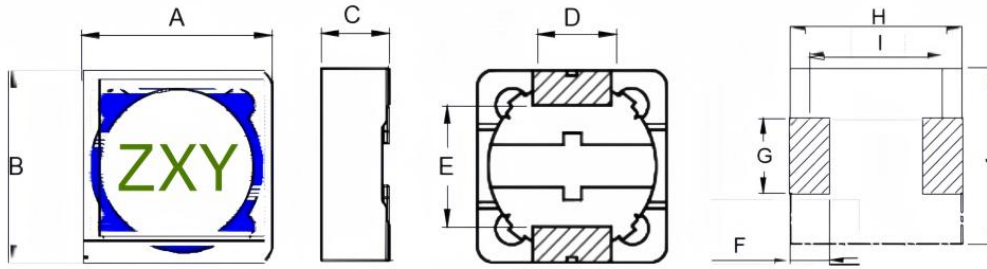


ZXYECD Series Electrical Characteristics @100KHz/0.1V ,25℃:

Part No.	L(μH)	ZXYECD31		ZXYECD32		ZXYECD42		ZXYECD43		ZXYECD52		ZXYECD53	
		Isat (A)Max	DCR (Ω)Max	Isat (A)Max	DCR (Ω)Max	Isat (A)Max	DCR (Ω)Max	Isat (A)Max	DCR (Ω)Max	Isat (A)Max	DCR (Ω)Max	Isat (A)Max	DCR (Ω)Max
1R0N	1	2.48	0.064	3.28	0.032			4.24	0.016				
1R2N	1.2					3.44	0.02			4.4	0.026	4.41	0.015
2R2N	2.2	1.76	0.122	2.24	0.069			2.64	0.03	3.6	0.025	3.52	0.02
2R5N	2.5					2.4	0.048						
3R3N	3.3	1.52	0.166	1.96	0.092	1.84	0.064	2.08	0.041	3.12	0.043	3	0.025
4R7N	4.7	1.28	0.251	1.46	0.139	1.68	0.084	1.76	0.053	2.72	0.054	2.44	0.042
5R6N	5.6					1.46	0.097						
6R8N	6.8	1.04	0.324	1.32	0.172	1.42	0.114	1.54	0.077	2.2	0.082	2.12	0.049
8R2N	8.2	0.96	0.378	1.12	0.211	1.3	0.134	1.36	0.086				
100M	10	0.84	0.576	1.08	0.248	1.1	0.166	1.28	0.12	1.84	0.121	1.72	0.72
120M	12	0.76	0.594	1.01	0.281	0.98	0.192	1.1	0.131	1.6	0.15	1.64	0.094
150M	15	0.68	0.69	0.88	0.396	0.95	0.252	1.04	0.154	1.47	0.181	1.48	0.107
180M	18	0.6	0.948	0.8	0.46	0.92	0.308	0.96	0.18	1.3	0.218	1.4	0.133
220M	22	0.56	1.092	0.74	0.492	0.8	0.348	0.86	0.223	1.24	0.24	1.28	0.154
270M	27	0.52	1.296	0.66	0.648	0.68	0.474	0.76	0.265	1.12	0.31	1.13	0.19
330M	33	0.48	1.512	0.64	0.84	0.62	0.558	0.7	0.348	1.03	0.374	0.97	0.23
390M	39	0.44	1.656	0.5	1.044	0.6	0.618	0.66	0.408	0.86	0.446	0.92	0.27
470M	47	0.4	2.184	0.48	1.128	0.5	0.816	0.59	0.462	0.81	0.5	0.88	0.318
560M	56			0.46	1.324	0.48	0.912	0.54	0.588	0.77	0.63	0.81	0.4
680M	68			0.42	1.872	0.44	1.147	0.5	0.792	0.71	0.732	0.69	0.446
820K	82			0.37	2.064	0.38	1.32	0.45	0.9	0.62	0.972	0.66	0.557
101K	100			0.33	2.724	0.37	1.68	0.43	1.128	0.56	1.164	0.59	0.66
121K	120			0.3	3.12	0.35	1.848	0.38	1.2	0.54	1.326	0.54	0.828
151K	150			0.25	4.356	0.29	2.544	0.34	1.392	0.45	1.752	0.46	1.02
181K	180							0.31	1.728	0.43	1.98	0.44	1.147
221K	220							0.29	2.316	0.38	2.58	0.38	1.65
271K	270							0.25	2.58	0.35	2.844	0.35	1.884
331K	330							0.24	3.42			0.33	2.198
391K	390							0.21	3.84			0.29	2.52
471K	470							0.19	4.392			0.26	3.204
561K	560							0.17	5.988			0.24	3.672
681K	680							0.16	6.672			0.22	4.68
821K	820							0.15	8.64			0.21	5.724
102K	1000							0.13	10.2			0.19	6.792

Part No.	L(μH)	ZXYECD54		ZXYECD73		ZXYECD75		ZXYECD104		ZXYECD105	
		Isat (A)Max	DCR (Ω)Max	Isat (A)Max	DCR (Ω)Max	Isat (A)Max	DCR (Ω)Max	Isat (A)Max	DCR (Ω)Max	Isat (A)Max	DCR (Ω)Max
1R0N	1	6.48	0.01	7.36	0.009	9.84	0.007				
1R2N	1.2									9.6	0.007
1R8N	1.8									8.16	0.009
2R2N	2.2	4.48	0.016	5.36	0.013	6.24	0.011				
3R3N	3.3	3.52	0.023	4.52	0.019	5.52	0.013			6.32	0.012
4R7N	4.7	3	0.028	3.64	0.024	4.4	0.019			5.6	0.014
6R8N	6.8	2.64	0.038	3.04	0.035	3.6	0.027			4.64	0.018
8R2N	8.2			2.68	0.041	3.44	0.029			4.08	0.023
100M	10	2.16	0.055	2.48	0.053	2.96	0.038	4.16	0.034	3.6	0.025
120M	12	1.92	0.069	2.23	0.065	2.76	0.045	3.84	0.044	3.36	0.03
150M	15	1.6	0.094	2.08	0.077	2.54	0.05	3.36	0.054	3.04	0.036
180M	18	1.52	0.103	1.88	0.087	2.32	0.062	2.96	0.063	2.8	0.044
220M	22	1.44	0.12	1.72	0.105	2.08	0.076	2.72	0.074	2.56	0.055
270M	27	1.26	0.152	1.6	0.126	1.9	0.088	2.46	0.09	2.28	0.065
330M	33	1.2	0.172	1.38	0.157	1.68	0.107	2.16	0.11	2.08	0.08
390M	39	0.98	0.221	1.32	0.187	1.56	0.133	2.06	0.12	1.92	0.097
470M	47	0.96	0.242	1.18	0.222	1.4	0.163	1.94	0.147	1.76	0.111
560M	56	0.88	0.302	1.06	0.269	1.32	0.179	1.72	0.17	1.6	0.131
680M	68	0.78	0.36	0.94	0.307	1.16	0.24	1.58	0.209	1.44	0.155
820K	82	0.75	0.439	0.89	0.364	1.04	0.266	1.38	0.272	1.28	0.193
101K	100	0.64	0.504	0.82	0.444	1	0.324	1.28	0.316	1.16	0.228
121K	120	0.61	0.593	0.73	0.533	0.9	0.378	1.18	0.391	1.08	0.28
151K	150	0.54	0.791	0.66	0.72	0.8	0.512	1.02	0.532	0.98	0.318
181K	180	0.49	0.949	0.6	0.803	0.73	0.634	0.94	0.599	0.9	0.41
221K	220	0.43	1.08	0.54	0.952	0.65	0.73	0.88	0.696	0.82	0.48
271K	270	0.39	1.398	0.5	1.128	0.6	0.84	0.8	0.832	0.74	0.6
331K	330	0.36	1.548	0.45	1.368	0.53	1.097	0.7	1.017	0.66	0.752
391K	390	0.33	1.974	0.4	1.656	0.5	1.242	0.63	1.259	0.61	0.847
471K	470	0.31	2.232	0.37	2.04	0.45	1.56	0.58	1.476	0.56	1.02
561K	560	0.28	3	0.34	2.4	0.41	1.8	0.54	1.699	0.5	1.2
681K	680	0.26	3.473	0.3	3.156	0.37	2.112	0.5	2.052	0.46	1.445
821K	820	0.23	3.996	0.28	3.696	0.33	2.712	0.45	2.455	0.41	1.716
102K	1000	0.21	5.244	0.26	4.68	0.3	3.108	0.41	3.03	0.38	2.21
222K	2200									0.28	4.62
472K	4700									0.2	10.3

--ERH Power Inductor



TYPE	A±0.5	B±0.5	C±0.4	D	E	F	G	H	I	J
ZXYERH73	7.3	7.3	3.3	2	4.5	2	3	7.8	6	7.8
ZXYERH74	7.3	7.3	4.3	2	4.5	2	3	7.8	6	7.8
ZXYERH124	12	12	4.5	5	7.6	2.9	5.4	12.7	9.9	12.7
ZXYERH125	12	12	5.6	5	7.6	2.9	5.4	12.7	9.9	12.7
ZXYERH127	12	12	7.6	5	7.6	2.9	5.4	12.7	9.9	12.7
ZXYERH129	12	12	9.5	5	7.6	2.9	5.4	12.7	9.9	12.7

Ordering Information :

ZXYERH - 125 - 6R8 N

- (1)Type : ZXYERH Power Inductor.
- (2)Style : 125 : **A**= 12.0mm, **C**=5.6mm.
- (3)Inductance : 6R8 for **6.8** μ H.
- (4)Inductance tolerance : "**N**": $\pm 30\%$; "**M**": $\pm 20\%$; "**K**": $\pm 10\%$

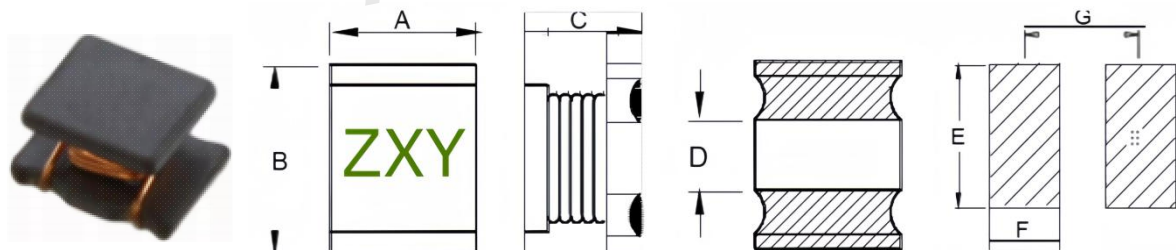


ZXYERH Series Electrical Characteristics @100KHz/0.1V ,25°C:

Part No.	L(μ H)	ZXYERH73		ZXYERH74		ZXYERH124		ZXYERH125		ZXYERH127		ZXYERH129	
		Isat (A)Max	DCR (Ω)Max	Isat (A)Max	DCR (Ω)Max	Isat (A)Max	DCR (Ω)Max	Isat (A)Max	DCR (Ω)Max	Isat (A)Max	DCR (Ω)Max	Isat (A)Max	DCR (Ω)Max
1R0N	1					17.6	0.011	16.8	0.009			25.6	0.008
1R2N	1.2	6	0.022	6	0.016								
2R2N	2.2	4.4	0.029			11.6	0.016					17.6	0.012
2R5M	2.5			4.48	0.021			11.2	0.013				
3R3N	3.3	3.6	0.038	3.68	0.026	10.4	0.019	9.6	0.015			15.2	0.014
4R7N	4.7	3.28	0.046	3.04	0.032	8.8	0.022	8.8	0.017			12.8	0.016
5R6N	5.6												
6R8M	6.8	2.72	0.056	2.64	0.038	7.2	0.028	6.8	0.022	9.6	0.024	11.2	0.02
8R2N	8.2	2.32	0.072	2.4	0.052	6.72	0.031	6.4	0.025	8.72	0.027	9.6	0.022
100M	10	2.16	0.076	2.08	0.061	6	0.035	6	0.027	8.16	0.029	8.8	0.024

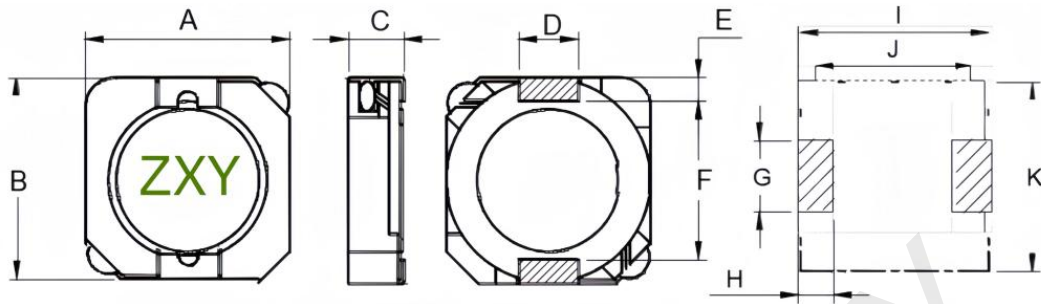
120M	12	1.92	0.094	1.84	0.072	5.6	0.038	5.6	0.03	7.2	0.034	8	0.026
150M	15	1.76	0.122	1.68	0.08	4.8	0.05	4.64	0.035	6.72	0.037	7.2	0.031
180M	18	1.6	0.143	1.52	0.106	4.4	0.055	4.4	0.038	6.24	0.04	6.4	0.033
220M	22	1.48	0.16	1.4	0.115	4	0.074	4	0.043	5.6	0.046	6	0.037
270M	27	1.36	0.2	1.28	0.132	3.68	0.096	3.68	0.053	4.96	0.052	5.6	0.04
330M	33	1.24	0.233	1.2	0.15	3.36	0.108	3.44	0.06	4.4	0.058	5.04	0.047
390M	39	1.16	0.294	1.12	0.194	2.96	0.137	3.04	0.079	4.16	0.073	4.8	0.062
470M	47	1.04	0.33	1	0.224	2.72	0.168	2.8	0.087	3.68	0.084	4.16	0.071
560M	56	0.96	0.396	0.88	0.252	2.56	0.186	2.56	0.095	3.44	0.091	3.92	0.077
680M	68	0.86	0.49	0.8	0.324	2.24	0.231	2.24	0.125	3.12	0.114	3.6	0.1
820K	82	0.77	0.564	0.72	0.392	2.16	0.26	2	0.158	2.88	0.126	3.28	0.113
101K	100	0.7	0.696	0.68	0.45	1.92	0.315	1.84	0.179	2.56	0.164	2.8	0.15
121K	120	0.64	0.791	0.6	0.534	1.76	0.374	1.68	0.233	2.32	0.211	2.64	0.168
151K	150	0.58	0.99	0.56	0.612	1.52	0.463	1.52	0.267	2.08	0.242	2.32	0.216
181K	180	0.52	1.124	0.52	0.69	1.4	0.59	1.36	0.329	1.92	0.31	2.16	0.24
221K	220	0.47	1.62	0.46	0.924	1.28	0.672	1.24	0.373	1.76	0.346	1.84	0.295
271K	270	0.42	1.816	0.42	1.068	1.16	0.846	1.12	0.493	1.6	0.444	1.76	0.389
331K	330	0.39	2.04	0.38	1.308	1.04	0.964	1.04	0.584	1.44	0.492	1.64	0.434
391K	390	0.36	2.252	0.34	1.464	0.96	1.136	0.96	0.695	1.32	0.61	1.48	0.475
471K	470	0.33	3.33	0.32	1.848	0.88	1.346	0.88	0.896	1.16	0.756	1.36	0.601
561K	560	0.3	3.76	0.29	2.52	0.8	1.664	0.8	1.027	1.08	0.912	1.24	0.655
681K	680	0.27	4.27	0.26	2.856	0.72	2.058	0.72	1.296	0.96	1.145	1.12	0.822
821K	820	0.25	5.4	0.23	3.72	0.66	2.478	0.64	1.532	0.88	1.278	1	1.003
102K	1000	0.22	7.38	0.22	4.92	0.6	2.824	0.6	1.74	0.8	1.578	0.92	1.146

--EI Power Inductor



TYPE	A±0.2	B±0.3	C±0.3	D	E	F	G
ZXYEI322520	2.5	3.2	2.0	1.3	3.0	1.5	2.5
ZXYEI453226	3.2	4.5	3.2	1.6	4.5	2.0	3.5
ZXYEI575047	5.0	5.7	4.7	1.7	6.0	2.5	4.0

--EQ Power Inductor



TYPE	A±0.3	B±0.5	C±0.3	D	E	F	G	H	I	J	K
ZXYEQ103	10.2	10.4	2.8	3.0	1.2	7.7	4.0	2.0	10.9	9.0	10.5
ZXYEQ104	10.2	10.4	3.8	3.0	1.2	7.7	4.0	2.0	10.9	9.0	10.5
ZXYEQ105	10.2	10.4	4.8	3.0	1.2	7.7	4.0	2.0	10.9	9.0	10.5

Ordering Information :

ZXYEI - 575047 - 222 K ; EQ - 105 - 102 K

(1)Type : ZXYEI Power Inductor; EQ Power Inductor;

(2)Style : 575047 : B=5.7mm, A=5.0mm,C=4.7mm;105:A=10.2mm,C=4.8mm

(3)Inductance : 222 for 2200μH;102 for 1000μH;

(4)Inductance tolerance : "N": ±30%; "M": ±20%; "K": ±10%;"J": ±5%;



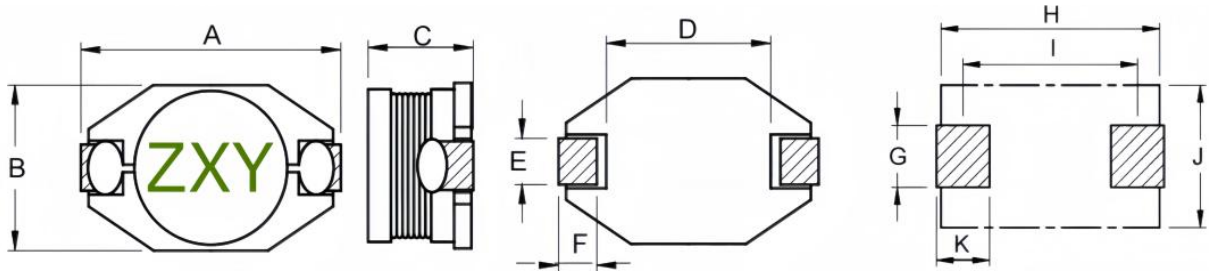
ZXYEI & ZXYEQ Series Electrical Characteristics @100KHz/0.1V, 25°C:

Part No.	L(μH)	ZXYEI322520		ZXYEI453226		ZXYEI575047		ZXYEQ103		ZXYEQ104		ZXYEQ105	
		Isat (A)Max	DCR (Ω)Max	Isat (A)Max	DCR (Ω)Max	Isat (A)Max	DCR (Ω)Max	Isat (A)Max	DCR (Ω)Max	Isat (A)Max	DCR (Ω)Max	Isat (A)Max	DCR (Ω)Max
1R0N	1	2.56	0.068	4	0.037								
1R2N	1.2					7.2	0.032	5.04	0.01	7.68	0.011	10.4	0.09
2R2N	2.2	2	0.096			6	0.041	4.4	0.012	6	0.013	8	0.011
2R5N	2.5			2.64	0.06								
3R3N	3.3	1.6	0.137	2.4	0.073	5.2	0.05	3.84	0.015	4.96	0.017	6.8	0.015



4R7N	4.7	1.28	0.17	2.08	0.103	4.16	0.065	2.88	0.025	4.4	0.019		
5R6N	5.6									4.24	0.026	5.04	0.02
6R8N	6.8	1.16	0.258	1.72	0.138	3.76	0.074	2.56	0.028	3.76	0.03	4.4	0.021
8R2N	8.2	1	0.306	1.48	0.19	3.36	0.086	2.24	0.036			3.92	0.025
100M	10	0.92	0.444	1.4	0.209	3.2	0.097	2.08	0.04	3.36	0.034	3.6	0.03
120M	12	0.84	0.484	1.28	0.232	2.96	0.109	1.88	0.053	2.8	0.048	3.28	0.037
150M	15	0.76	0.696	1.16	0.264	2.72	0.12	1.64	0.06	2.56	0.052	2.96	0.047
180M	18	0.72	0.744	1.08	0.326	2.48	0.156	1.56	0.078	2.32	0.057	2.8	0.054
220M	22	0.6	1.044	0.96	0.36	2.16	0.202	1.4	0.09	2.16	0.082	2.48	0.067
270M	27	0.56	1.122	0.86	0.54	2	0.226	1.32	0.102	1.96	0.095	2.32	0.072
330M	33	0.52	1.246	0.76	0.61	1.84	0.266	1.16	0.136	1.72	0.128	1.92	0.084
390M	39	0.48	1.44	0.72	0.654	1.68	0.294	1.04	0.151	1.64	0.156	1.76	0.102
470M	47	0.44	2.004	0.66	0.84	1.48	0.382	0.96	0.168	1.48	0.174	1.68	0.12
560M	56	0.4	2.16	0.59	0.948	1.36	0.458	0.88	0.209	1.36	0.191	1.52	0.15
680M	68	0.36	2.436	0.54	1.26	1.28	0.552	0.8	0.232	1.2	0.258	1.36	0.162
820K	82	0.32	3.528	0.5	1.38	1.2	0.622	0.72	0.282	1.12	0.292	1.28	0.214
101K	100	0.29	3.96	0.45	1.8	1.08	0.844	0.66	0.34	1	0.359	1.2	0.23
121K	120			0.41	2.04	0.96	0.942	0.6	0.404	0.92	0.426	1.08	0.29
151K	150			0.36	2.316	0.8	1.176	0.54	0.486	0.84	0.492	0.96	0.326
181K	180			0.34	3.3	0.76	1.32	0.5	0.608	0.76	0.646	0.88	0.406
221K	220			0.3	3.6	0.7	1.68	0.44	0.696	0.68	0.714	0.8	0.462
271K	270			0.26	4.14	0.64	2.376	0.4	0.926	0.6	0.884	0.72	0.612
331K	330			0.25	5.64	0.56	2.664	0.37	1.036	0.56	1.092	0.64	0.672
391K	390			0.22	6.36	0.52	2.988	0.34	1.264	0.52	1.344	0.56	0.912
471K	470			0.21	8.76	0.48	3.96	0.31	1.602	0.48	1.476	0.52	0.984
561K	560					0.44	4.296	0.28	1.766	0.44	1.86	0.48	1.2
681K	680					0.4	5.604	0.26	2.484	0.4	2.1	0.44	1.32
821K	820					0.36	6.3	0.22	2.796	0.36	3.144	0.4	1.812
102K	1000					0.32	7.32	0.2	3.343	0.32	3.444	0.36	1.992
222J	2200					0.22	16.62						
472J	4700					0.16	41.16						

--EF Power Inductor



TYPE	A±0.3	B±0.3	C±0.3	D	E	F	G	H	I	J	K
ZXYEF1608	6.6	4.2	2.7	4.3	1.2	1.0	2.0	7.1	5.7	4.5	1.8
ZXYEF3310	13.0	9.3	3.5	7.6	2.5	2.5	3.5	13.5	10.5	9.5	3.5
ZXYEF3316	13.0	9.3	5.0	7.6	2.5	2.5	3.5	13.5	10.5	9.5	3.5
ZXYEF3340	13.0	9.3	11.0	7.6	2.5	2.5	3.5	13.5	10.5	9.5	3.5
ZXYEF5022	18.5	14.0	6.7	13.0	2.5	2.5	3.5	19.5	16.0	14.5	4.0

Ordering Information :

ZXYEF - 5022 - 222 K ;

(1)Type : ZXYEF Power Inductor;

(2)Style : 5022 : **B**=5.7mm, **A**=5.0mm, **C**=4.7mm;

(3)Inductance : 222 for 2200μH;

(4)Inductance tolerance : "N": ±30%; "M": ±20%; "K": ±10%; "J": ±5%;

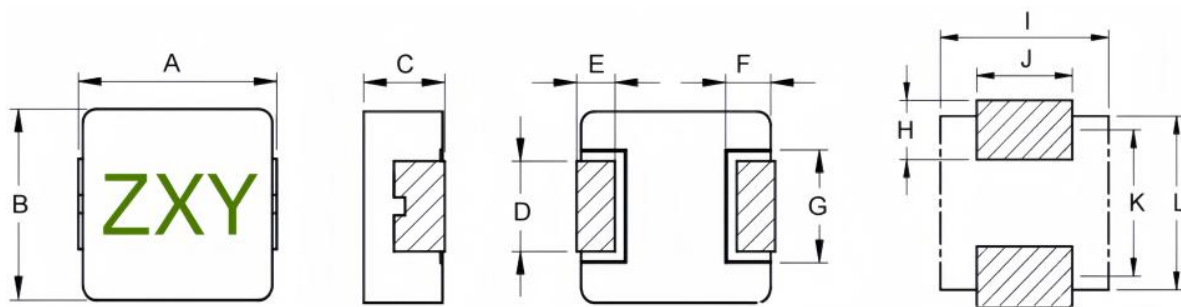


ZXYEF Series Electrical Characteristics @100KHz/0.1V, 25 °C :

Part No.	L(μH)	ZXYEF1608		ZXYEF3310		ZXYEF3316		ZXYEF3340		ZXYEF5022	
		Isat (A)Max	DCR (Ω)Max	Isat (A)Max	DCR (Ω)Max	Isat (A)Max	DCR (Ω)Max	Isat (A)Max	DCR (Ω)Max	Isat (A)Max	DCR (Ω)Max
1R0N	1	3.2	0.025	5.6	0.021	12	0.008				
1R5N	1.5			5.2	0.022						
2R0N	2	2.16	0.037								
2R2N	2.2			5	0.032	8.4	0.011				
3R3N	3.3	1.68	0.055	3.9	0.039	7.2	0.014				
4R7N	4.7	1.44	0.074	3.2	0.054	6.24	0.019				
6R8N	6.8	1.2	0.109	2.8	0.075	5.2	0.027				
8R2N	8.2	1.04	0.133			4.64	0.03				
100M	10	0.96	0.174	2.4	0.101	4.16	0.034	8.4	0.026	9.2	0.022
120M	12	0.88	0.198			3.92	0.045	8	0.028	8.4	0.026

150M	15	0.8	0.229	2	0.15	3.44	0.05	7.6	0.037	7.6	0.029
180M	18	0.72	0.264			3.12	0.576	7.2	0.041	6.8	0.034
220M	22	0.64	0.305	1.6	0.207	2.8	0.079	6.72	0.053	6.4	0.043
270M	27	0.58	0.39			2.56	0.088	6	0.06	5.84	0.049
330M	33	0.52	0.533	1.4	0.334	2.28	0.108	5.52	0.067	5.2	0.062
390M	39	0.48	0.582			2.12	0.124	5.04	0.074	4.88	0.07
470M	47	0.44	0.672	1	0.472	1.92	0.14	4.72	0.095	4.4	0.088
560M	56	0.4	0.828			1.76	0.182	4.28	0.107	4.08	0.102
680M	68	0.36	0.996	0.9	0.66	1.6	0.206	3.88	0.143	3.68	0.116
820K	82	0.34	1.279			1.48	0.26	3.48	0.164	3.36	0.13
101K	100	0.3	1.428	0.8	1.11	1.32	0.298	3.2	0.184	3.04	0.174
121K	120	0.26	1.608			1.2	0.384	2.88	0.25	2.64	0.198
151K	150	0.24	2.1	0.6	1.55	1.09	0.474	2.64	0.287	2.4	0.245
181K	180	0.22	2.424			0.99	0.552	2.4	0.368	2.16	0.3
221K	220	0.21	3.12	0.5	2	0.88	0.666	2.16	0.42	2	0.354
271K	270	0.18	3.768			0.82	0.86	1.92	0.478	1.84	0.433
331K	330	0.17	4.32	0.43	3.1	0.74	0.977	1.76	0.602	1.68	0.544
391K	390	0.15	5.772			0.68	1.236	1.6	0.78	1.52	0.622
471K	470	0.14	6.54	0.39	4.2	0.62	1.44	1.48	0.857	1.4	0.757
561K	560	0.13	7.5			0.56	1.776	1.36	0.965	1.28	0.912
681K	680	0.12	9.6	0.35	5.5	0.51	2.076	1.2	1.236	1.16	1.14
821K	820	0.11	11.16			0.46	2.4	1.12	1.572	1.04	1.32
102K	1000	0.1	13.284	0.32	8.3	0.42	3	0.96	1.884	0.96	1.656
152K	1500							0.8	2.82	0.76	2.28
222K	2200									0.64	3.396

--ET Power Inductor



TYPE	A ± 0.3	B ± 0.2	C ± 0.2	D ± 0.2	E ± 0.2	F	G	H	I	J	K	L
ZXYET4020	4.2	4.2	1.8	2.0	0.8	1.0	2.5	1.5	4.4	2.5	3.7	4.4
ZXYET5018	5.4	5.2	1.6	2.2	1.2	1.5	2.5	2.5	5.4	3.0	4.5	5.4
ZXYET5030	5.4	5.2	2.8	2.2	1.2	1.5	2.5	2.5	5.4	3.0	4.5	5.4
ZXYET7018	7.0	6.6	1.6	3.0	1.6	2.0	3.6	2.4	6.8	4.0	6.5	6.8
ZXYET7030	7.0	6.6	2.8	3.0	1.6	2.0	3.6	2.4	6.8	4.0	6.5	6.8
ZXYET7040	7.0	6.6	3.8	3.0	1.6	2.0	3.6	2.4	6.8	4.0	6.5	6.8
ZXYET7050	7.0	6.6	4.8	3.0	1.6	2.0	3.6	2.4	6.8	4.0	6.5	6.8
ZXYET1030	11.2	10.0	2.8	3.0	2.0	2.5	5.0	4.1	10.2	4.1	9.5	10.2
ZXYET1040	11.2	10.0	3.8	3.0	2.0	2.5	5.0	4.1	10.2	4.1	9.5	10.2
ZXYET1045	11.2	10.0	4.3	3.0	2.0	2.5	5.0	4.1	10.2	4.1	9.5	10.2
ZXYET1235	13.5	12.6	3.3	3.7	2.0	2.5	6.0	3.3	12.8	5.0	11.3	12.8
ZXYET1250	13.5	12.6	4.8	3.7	2.0	2.5	6.0	3.3	12.8	5.0	11.3	12.8
ZXYET1260	13.5	12.6	5.8	3.7	2.0	2.5	6.0	3.3	12.8	5.0	11.3	12.8
ZXYET1265	13.5	12.6	6.3	3.7	2.0	2.5	6.0	3.3	12.8	5.0	11.3	12.8
ZXYET1770	17.5	17.0	7.0	12.0	3.0	4.0	14.0	5.0	17.2	14.0	14.5	17.8

ZXYET Series Electrical Characteristics @100KHz/0.1V ,25℃:

Part No.	L(μH)	ZXYET4020		ZXYET5018		ZXYET5030		ZXYET7018		ZXYET7030	
		Isat (A)Max	DCR (Ω)Max	Isat (A)Max	DCR (Ω)Max	Isat (A)Max	DCR (Ω)Max	Isat (A)Max	DCR (Ω)Max	Isat (A)Max	DCR (Ω)Max
R10N	0.1	28	4					33	2.5	60	1.7
R15N	0.15							27	5	40	2
R22N	0.22	18	6.6			19	4			34	3
R33N	0.33	12	10.5			14	5.6			27.5	3.5
R47N	0.47	11	15.5	15.5	9	14	11	18	10	20	4.1
R56N	0.56	10	16	15	10					20	4.5
R68N	0.68	9	18	9	11.6	12	12			19.5	5.3
R82N	0.82							14	14.5	16	6
1R0N	1	9	27	9	17	12.5	14	12	17	15.5	7.4
1R2N	1.2	7	27	9	25						
1R5N	1.5	6	46	7.5	30	12	23	9	28	14	12.1
1R8N	1.8	6	47								
2R2N	2.2	5	65	6.5	35	9.5	29	7.5	35	11.5	15
2R7N	2.7									9.5	18
2R9N	2.9	5	80								
3R3N	3.3	4	87	5	58	6	42			9.5	22
4R7N	4.7	3.3	115	4	85	5	60	5	70	9.5	40
5R6N	5.6					4.5	65			6	42
6R8N	6.8	3	228	3.4	120	4	90	3.5	110	6	48
8R2N	8.2					4	120			6	65
100M	10	2.2	282			4	125			5.5	75
150M	15									4.5	115
220M	22					2.3	248			3.5	200
330M	33									2.5	253

Ordering Information :

ZXYET -4020 - 220 M

- (1)Type : ZXYET Power Inductor.
- (2)Style : 4020 : **A**=4.2mm, **C**= 1.8mm.
- (3)Inductance : 220 for **22** μH.
- (4)Inductance tolerance : "**N**": ±30%; "**M**": ±20%; "**K**": ±10%



ZXYET Series Electrical Characteristics @100KHz/0.1V ,25℃:

Part No.	L(μH)	ZXYET7040		ZXYET7050		ZXYET5030		ZXYET1030		ZXYET1045	
		Isat (A)Max	DCR (Ω)Max	Isat (A)Max	DCR (Ω)Max	Isat (A)Max	DCR (Ω)Max	Isat (A)Max	DCR (Ω)Max	Isat (A)Max	DCR (Ω)Max
R13N	0.13	50	0.8								
R15N	0.15	50	0.8			45	0.8	75	0.7		
R22N	0.22	35	1.3	35	1.7	38	1.5	48	1		
R33N	0.33	27	3.3								
R36N	0.36	25	3.1			28	1.8	46	1.5		
R47N	0.47	21	3.6			26	2.5	42	1.6		
R56N	0.56					24	3	33	2		
R68N	0.68	21	4.8					33	2.4		
R82N	0.82									30	2.8
1R0N	1	18.5	6.6			21	6	28	3.3	34	3.2
1R2N	1.2					20	7	28	3.9	27	4.5
1R5N	1.5	12.5	9.5	9	8.2	20	7.5	26	4.2	26	6
1R8N	1.8	13	11.2								
2R2N	2.2	11	15	10.5	15	16	11.2	25	8	16	8.2
3R3N	3.3	9.5	20	9	23	15.5	18	16	11.8	14.5	13.2
4R7N	4.7	9	30	7	32	12	24	15	20	13	15
5R6N	5.6	7	38			10	29	14	23	10.5	18.5
6R8N	6.8	6	50	7.5	34	10	43	12	23.5	9.5	24
8R2N	8.2	6	55	4.5	59			9.5	27	11	30
100M	10	6	65	5.3	65	7.5	55	9.3	30	10	28
150M	15	4.5	95			6	77	7	45	7	45
220M	22	4	125	4	89	5	99	6	66	7	61.5
330M	33	3	220					5	92	7	95
390M	39	2.8	280								
470M	47	2.5	298	2.5	240			4.5	145		
560M	56			2.3	300						
680M	68							3.8	195		
820K	82							3	305		

Ordering Information :

ZXYET - 7 0 4 0 - 1R5 N ET - 1045 - 820 K

- (1)Type : ZXYET Power Inductor.
- (2)Style : 7040 : **A**=7.0mm, **C**=3.8mm. 1045 : **B**=10.0mm, **C**=4.3mm.
- (3)Inductance : 1R5 for **1.5** μH; 821 for 820μH.
- (4)Inductance tolerance : "**N**": ±30%; "**M**": ±20%; "**K**": ±10%

ET Series Electrical Characteristics @100KHz/0.1V ,25℃:

Part No.	L(μH)	ZXYET1235		ZXYET1250		ZXYET1260		ZXYET1265		ZXYET1770	
		Isat (A)Max	DCR (Ω)Max	Isat (A)Max	DCR (Ω)Max	Isat (A)Max	DCR (Ω)Max	Isat (A)Max	DCR (Ω)Max	Isat (A)Max	DCR (Ω)Max
R15N	0.15			75	0.6						
R22N	0.22			70	0.8						
R33N	0.33			60	1						
R47N	0.47	58	1.9	50	1.2			63	1.2		
R68N	0.68	40	2.3	40	1.9	40	1.2			68	2
R80N	0.8			40	2						
1R0N	1	35	2.6	37	2.2	31	2.1	42	2.1	41	2
1R5N	1.5	25	6.5	33	3.2	28	2.9	40	2.9	40	2.2
1R8N	1.8							40	4		
2R2N	2.2	24	8.5	32	5	28	4.2	28	4.2	34	2.5
3R0N	3					27	7.6				
3R3N	3.3	18	13	22	7	22	7.6	28	5.8	30	4.8
4R7N	4.7	16	19.5	18	15	20	10	28	8.7	24	4.8
5R6N	5.6			17	17	18	10	16	12.5		
6R8N	6.8			15	20	16	14	18	11.5	22	7.6
8R2N	8.2			13	21	16	16	16	15.5	20	8.7
100M	10			12	22	16	20.7	15.5	16.5	18	11.2
120M	12			12	22	10	23				
150M	15			10	40	12.5	29	9	29	14.5	23
180M	18					8	35				
200M	20									12	23
220M	22			6.5	58	7.5	39.5	8.5	39.5	12	23
270M	27					6.5	56				
330M	33			6	84	6	75	8.5	69	10	37
470M	47			5	130	5.5	90	7.5	68	7.5	47
560M	56					5	123	5	123	7	58
680M	68					4.5	140	4.5	150	6.5	60
820K	82					4	170				
101K	100					3.5	200				
121K	120					3.2	235				

Ordering Information :

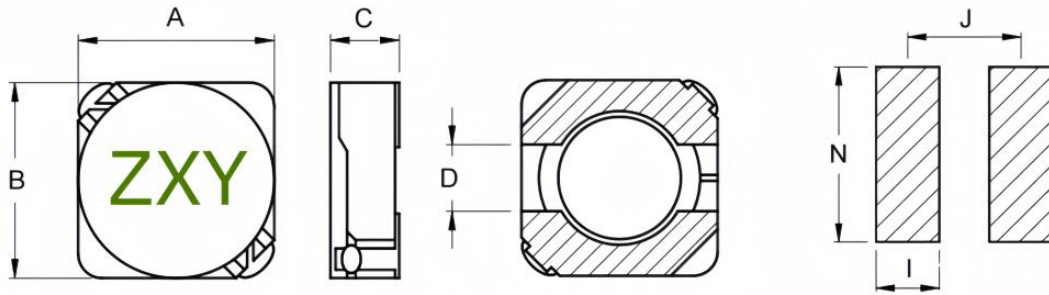
ZXYET- 1235 - 1R5 N

(1)Type : ET Power Inductor.

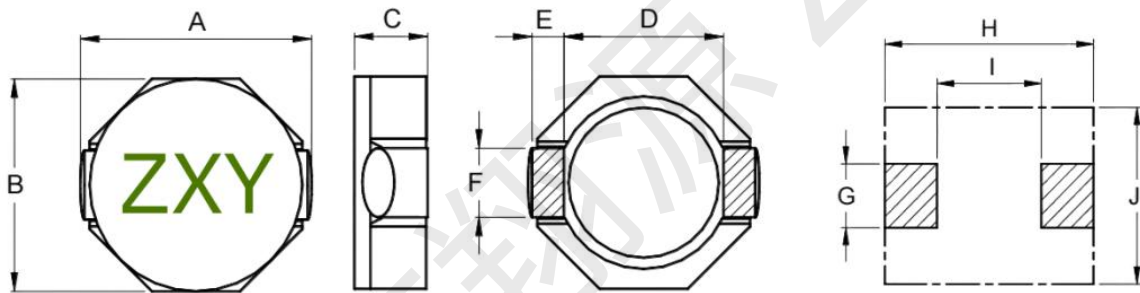
(2)Style : 1235 : **B**= 12.6mm, **C**=3.3mm.

(3)Inductance : 1R5 for 1.5 μH. (4)Inductance tolerance : "**N**": ±30%; "**M**": ±20%; "**K**": ±10%

--ED Power Inductor



TYPE	A±0.3	B±0.3	H±0.3	D	N	I	J
ZXYED4D18	4.7	4.7	1.8	1.6	5.3	1.9	3.4
ZXYED4D28	4.7	4.7	2.8	1.6	5.3	1.9	3.4
ZXYED5D18	5.7	5.7	1.8	2.0	6.3	2.2	4.2
ZXYED5D28	5.7	5.7	2.8	2.0	6.3	2.2	4.2
ZXYED6D28	6.8	6.8	2.8	2.0	7.3	2.7	4.7
ZXYED6D38	6.8	6.8	3.8	2.0	7.3	2.7	4.7



TYPE	A±0.5	B±0.3	C±0.2	D	E	F	G	H	I	J
ZXYED8D28	9.5	8.0	3.0	6.0	1.2	2.5	3.0	10.0	5.0	8.3
ZXYED8D43	9.5	8.0	4.5	6.0	1.2	2.5	3.0	10.0	5.0	8.3

Ordering Information :

ZXYED - 4D28 - 221 K

(1)Type : ZXYED Power Inductor.

(2)Style : 4D28 : A=4.7mm, C=2.8mm.

(3)Inductance : 221 for 220μH.

(4)Inductance tolerance : "N": ±30%; "M": ±20%; "K": ±10%

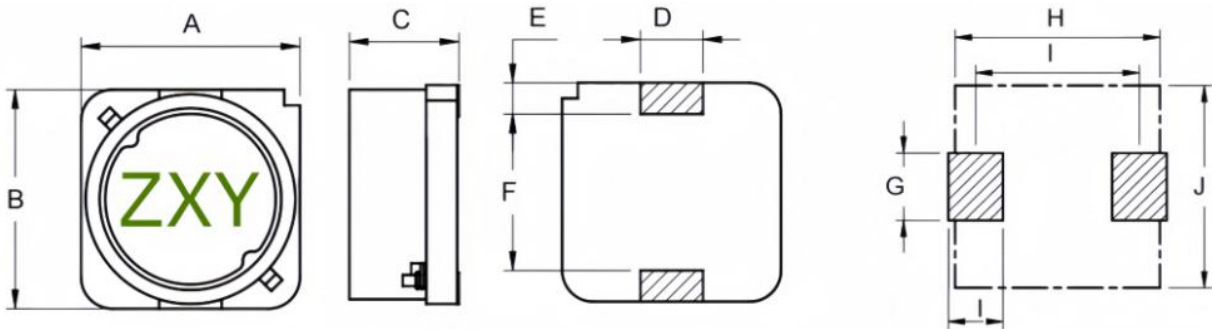




ED Series Electrical Characteristics @25℃:

Part No.	L(μH)	ZXYED4D18		ZXYED4D28		ZXYED5D18		ZXYED5D28		ZXYED6D28		ZXYED6D38	
		Isat (A)Max	DCR (Ω)Max	Isat (A)Max	DCR (Ω)Max	Isat (A)Max	DCR (Ω)Max	Isat (A)Max	DCR (Ω)Max	Isat (A)Max	DCR (Ω)Max	Isat (A)Max	DCR (Ω)Max
1R0N	1			3	0.019	2.96	0.023			4.8	0.015	6	0.013
1R2N	1.2	2.4	0.03					2.88	0.018				
1R8N	1.8					1.92	0.034	2.48	0.02				
2R2N	2.2	1.84	0.043	2.32	0.024					3.04	0.02	4.08	0.017
3R0N	3	1.6	0.056										
3R3N	3.3			1.88	0.035	1.52	0.046	1.84	0.028	2.48	0.026	3.28	0.022
4R7N	4.7	1.28	0.076	1.56	0.053	1.32	0.067	1.48	0.038	2.08	0.034	2.96	0.028
6R8N	6.8	1.04	0.12	1.32	0.059	1.08	0.094	1.24	0.054	1.72	0.048	2.4	0.032
8R2N	8.2	0.96	0.134	1.2	0.08	1	0.102	1.12	0.058	1.6	0.054	2.04	0.044
100M	10	0.92	0.156	1.04	0.091	0.88	0.137	1	0.081	1.48	0.067	1.92	0.047
120M	12									1.32	0.081	1.76	0.058
150M	15	0.72	0.209	0.8	0.139	0.76	0.176	0.84	0.107	1.12	0.091	1.52	0.07
220M	22	0.6	0.335	0.68	0.176	0.56	0.228	0.68	0.144	0.96	0.139	1.32	0.103
270M	27									0.88	0.174	1.16	0.12
330M	33	0.48	0.474	0.58	0.282	0.46	0.342	0.52	0.244	0.8	0.2	1.08	0.134
390M	39											0.96	0.175
470M	47	0.4	0.72	0.48	0.382	0.4	0.51	0.46	0.288	0.64	0.288	0.88	0.187
560M	56									0.6	0.312	0.8	0.223
680M	68	0.34	1.02	0.42	0.596	0.34	0.744	0.38	0.418	0.56	0.36	0.72	0.288
820K	82	0.3	1.152	0.37	0.67	0.32	0.871	0.35	0.474	0.5	0.449	0.64	0.322
101K	100	0.27	1.584	0.32	0.754	0.28	1.09	0.31	0.594	0.46	0.606	0.6	0.418
151K	150	0.23	1.968	0.26	1.344	0.22	1.584	0.26	0.96	0.37	0.78	0.5	0.6
221K	220	0.19	3.168	0.22	1.908	0.18	2.04	0.22	1.404	0.3	1.086	0.41	0.81
271K	270									0.28	1.5	0.36	1.008
331K	330			0.18	3.024	0.16	3.96	0.18	2.04	0.26	1.92	0.34	1.278
391K	390											0.31	1.41
471K	470							0.14	2.88	0.21	2.802	0.28	2.04
561K	560											0.26	2.232
681K	680											0.23	2.964
821K	820											0.22	3.756
102K	1000											0.19	4.296

--EB Power Inductor



TYPE	A ± 0.3	B ± 0.3	C ± 0.3	D	E	F	G	H	I	J
ZXYEB7035	7.1	7.1	3.5	2.0	1.0	5.0	2.5	7.5	6.0	7.5
ZXYEB7050	7.1	7.1	4.8	2.0	1.0	5.0	2.5	7.5	6.0	7.5
ZXYEB1045	10.0	10.1	4.6	3.0	2.0	6.0	4.0	10.4	8.0	10.4
ZXYEB1270	12.7	12.8	6.7	3.0	2.0	8.6	4.0	13.0	11.0	13.0



Ordering Information :

ZXYEB - 7 0 3 5 - 102 K ED - 8 D 43 - 10 2 K

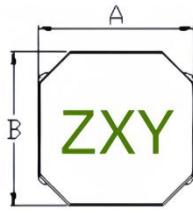
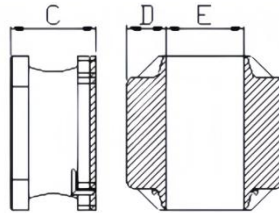
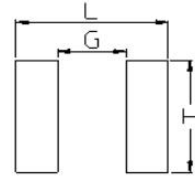
- (1)Type : ZXYEB Power Inductor; ED Power Inductor.
- (2)Style : 7035: **A**=7.1mm, **C**=3.5mm. 8D43: **B**=8.0mm, **C**=4.5mm.
- (3)Inductance : 102 for 1000 μ H.
- (4)Inductance tolerance : "N": $\pm 30\%$; "M": $\pm 20\%$; "K": $\pm 10\%$

ZXYEB&ED Series Electrical Characteristics @25 $^{\circ}$ C:

Part No.	L(μ H)	ZXYEB7035		ZXYEB7050		ZXYEB1045		ZXYEB1270		ZXYED8D28		ZXYED8D43	
		Isat (A)Max	DCR (Ω)Max	Isat (A)Max	DCR (Ω)Max	Isat (A)Max	DCR (Ω)Max	Isat (A)Max	DCR (Ω)Max	Isat (A)Max	DCR (Ω)Max	Isat (A)Max	DCR (Ω)Max
1R0N	1	4.42	0.016							7.2	0.011	8.8	0.086
1R2N	1.2					8	0.013						
1R5N	1.5	3.76	0.02										

2R2N	2.2	3.2	0.022	5.2	0.026	6.48	0.015			4.8	0.017	6	0.013
3R0N	3			4.8	0.029								
3R3N	3.3	2.48	0.029			4.8	0.02			4.24	0.2	5.6	0.015
4R7N	4.7	2	0.037	3.84	0.037	4.24	0.023			3.2	0.031	4.32	0.028
6R8N	6.8	1.68	0.049	3.2	0.043	3.44	0.029			2.88	0.038	3.84	0.031
8R2N	8.2	1.56	0.055	2.8	0.048	3.12	0.032			2.56	0.049	3.52	0.04
100M	10	1.36	0.062	2.56	0.067	2.88	0.035	5.76	0.029	2.16	0.076	2.96	0.053
150M	15	1.12	0.091	2.16	0.092	2.32	0.055	4.72	0.045	1.88	0.101	2.56	0.066
220M	22	0.92	0.138	1.84	0.13	1.96	0.78	3.92	0.055	1.52	0.126	2.08	0.113
330M	33	0.76	0.202	1.48	0.166	1.52	0.103	3.2	0.084	1.2	0.211	1.72	0.139
470M	47	0.62	0.293	1.24	0.212	1.32	0.137	2.64	0.114	1.06	0.3	1.44	0.198
680M	68	0.52	0.374	1.04	0.302	1.08	0.203	2.16	0.145	0.88	0.412	1.16	0.319
820K	82	0.48	0.482	0.92	0.35	0.99	0.258	2	0.179	0.8	0.518	1.06	0.353
101K	100	0.42	0.564	0.8	0.468	0.88	0.293	1.8	0.23	0.72	0.629	0.98	0.462
151K	150	0.36	0.84	0.68	0.696	0.72	0.448	1.44	0.328			0.78	0.732
221K	220	0.29	1.108	0.56	1.068	0.6	0.642	1.2	0.406			0.66	0.978
331K	330	0.24	1.74	0.45	1.786	0.5	0.96	1	0.684			0.53	1.416
471K	470	0.2	2.484	0.38	2.208	0.42	1.476	0.84	0.984			0.45	2.208
681K	680	0.17	3.636	0.31	3.144	0.34	1.836	0.68	1.416			0.38	3.192
821K	820	0.15	4.2	0.28	3.624	0.31	2.52	0.62	1.704			0.34	3.492
102K	1000	0.14	5.52	0.25	4.74	0.28	2.82	0.56	2.04			0.3	4.8

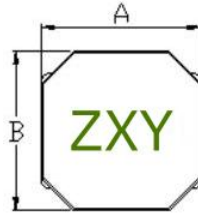
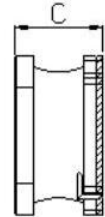
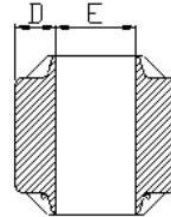
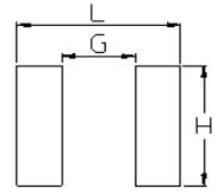
--EPNR Power Inductor



A	B	C	D	E
3.0±0.2	3.0±0.2	1.0 Max.	0.75±0.2	1.5±0.2

L	G	H
3.1	1.5	2.7

Part Number	Inductance (μH)	Tolerance (±)	DCR (mΩ) ±30%	IDC1 (A) Max.	IDC2 (A) Max.	SRF (Min) (MHz)
ZXYEPNR3010-1R0N	1.0	30%	65	1.40	1.45	180
ZXYEPNR3010-1R2N	1.2	30%	65	1.25	1.45	137
ZXYEPNR3010-1R5N	1.5	30%	80	1.27	1.30	120
ZXYEPNR3010-2R2N	2.2	30%	110	1.15	1.09	100
ZXYEPNR3010-2R7N	2.7	30%	130	1.00	1.02	90
ZXYEPNR3010-3R3N	3.3	30%	145	0.97	0.96	74
ZXYEPNR3010-3R6M	3.6	20%	165	0.95	0.90	67
ZXYEPNR3010-4R7M	4.7	20%	225	0.75	0.77	59
ZXYEPNR3010-6R8M	6.8	20%	305	0.55	0.66	42
ZXYEPNR3010-100M	10	20%	400	0.55	0.58	39
ZXYEPNR3010-120M	12	20%	505	0.43	0.52	36
ZXYEPNR3010-150M	15	20%	610	0.42	0.47	30
ZXYEPNR3010-220M	22	20%	930	0.35	0.38	28
ZXYEPNR3010-270M	27	20%	1080	0.30	0.35	25
ZXYEPNR3010-330M	33	20%	1550	0.29	0.30	18
ZXYEPNR3010-390M	39	20%	1750	0.28	0.28	18
ZXYEPNR3010-430M	43	20%	1800	0.23	0.27	18
ZXYEPNR3010-470M	47	20%	1950	0.22	0.26	18
ZXYEPNR3010-510M	51	20%	2200	0.21	0.25	18
ZXYEPNR3010-560M	56	20%	2320	0.21	0.24	16



TYPE	A±0.3	B±0.3	C Max	D±0.3	E±0.3	L	G	H
ZXYEPNR3012	3.00	3.00	1.2	0.75	1.50	3.10	1.50	2.70
ZXYEPNR3015	3.00	3.00	1.5	0.75	1.50	3.10	1.50	2.70
ZXYEPNR4012	4.00	4.00	1.2	1.20	1.60	4.00	1.90	3.70
ZXYEPNR4018	4.00	4.00	1.8	1.20	1.60	4.00	1.90	3.70
ZXYEPNR4020	4.00	4.00	2.0	1.20	1.60	4.00	1.90	3.70
ZXYEPNR4030	4.00	4.00	3.0	1.00	2.00	4.00	1.90	3.70
ZXYEPNR5020	5.00	5.00	2.1	1.50	2.00	5.10	2.30	4.20
ZXYEPNR5040	5.00	5.00	4.0	1.50	2.00	5.10	2.30	4.20
ZXYEPNR6020	6.00	6.00	2.0	1.70	2.60	6.00	2.40	5.70
ZXYEPNR6028	6.00	6.00	2.8	1.70	2.60	6.00	2.40	5.70
ZXYEPNR6045	6.00	6.00	4.7	1.70	2.60	6.00	2.40	5.70
ZXYEPNR8040	8.00	8.00	4.2	2.10	3.80	8.20	3.80	7.50

ZXYEPNR Series Electrical Characteristics @100KHz/1.0V,25°C:

Part No.	L(μH)	ZXYEPNR3012		ZXYEPNR3015		ZXYEPNR4012		ZXYEPNR4018		ZXYEPNR4020		ZXYEPNR4030	
		Isat (A)Max	DCR (Ω)Max	Isat (A)Max	DCR (Ω)Max	Isat (A)Max	DCR (Ω)Max	Isat (A)Max	DCR (Ω)Max	Isat (A)Max	DCR (Ω)Max	Isat (A)Max	DCR (Ω)Max
R82N	0.82	2.05	0.03			3.02	0.05						
1R0N	1	1.87	0.04	2.32	0.039	2.61	0.05	4.2	0.025	4.78	0.029	5.9	0.015
1R2N	1.2	1.7	0.045	2.21	0.04								
1R5N	1.5	1.62	0.045	2	0.05	2.1	0.065	3.35	0.03	4.45	0.035	4.85	0.025
1R8N	1.8	1.3	0.063	1.75	0.05	2.12	0.08					4.25	0.03
2R2N	2.2	1.2	0.075	1.6	0.06	1.76	0.08	2.7	0.045	3.4	0.04	4.1	0.035
3R3N	3.3	1.05	0.1	1.32	0.08	1.72	0.11	2.45	0.07	3.2	0.07	3.3	0.04
3R6N	3.6											3.1	0.053

3R9N	3.9	1	0.145									3	0.057
4R7N	4.7	0.9	0.145	1.1	0.125	1.15	0.125	1.7	0.09	2.35	0.075	2.9	0.06
5R6N	5.6											2.75	0.07
6R8N	6.8	0.75	0.19	0.85	0.2	0.85	0.198	1.45	0.11	2	0.125	2.6	0.075
7R5N	7.5											2.2	0.09
8R2N	8.2											2.1	0.1
100M	10	0.6	0.265	0.72	0.25	0.8	0.265	1.3	0.18	1.6	0.165	1.95	0.115
120M	12	0.48	0.345	0.7	0.32	0.66	0.29					1.7	0.14
150M	15	0.45	0.36	0.66	0.35	0.56	0.34	0.94	0.25	1.35	0.23	1.65	0.19
180M	18	0.43	0.545	0.56	0.43							1.4	0.215
220M	22	0.42	0.645	0.52	0.46	0.46	0.587	0.8	0.36	1.05	0.35	1.3	0.225
270M	27	0.35	0.87										
330M	33	0.36	0.875	0.44	0.82	0.42	0.81	0.56	0.53	0.85	0.55	1.1	0.33
390M	39	0.33	0.875										
470M	47	0.27	1.45	0.35	1.25	0.35	1.1	0.57	0.65	0.74	0.71	0.9	0.5
560M	56											0.85	0.56
680M	68	0.24	1.67			0.28	1.95	0.47	1	0.61	1.06	0.75	0.75
820K	82					0.28	2.14			0.5	1.17	0.68	0.95
101K	100					0.25	2.21	0.4	1.75	0.48	1.55	0.6	1.15
151K	150							0.31	2.5			0.5	2.35
181K	180											0.4	2.5
221K	220							0.27	4			0.4	3
331K	330							0.2	6.5			0.3	4.4
471K	470											0.3	5.5

Ordering Information :

ZXYEPNR - 3012 - 470 M

(1)Type : ZXYEPNR Power Inductor.

(2)Style : 3012 : **A**=3.0mm, **C**= 1.5mm.

(3)Inductance : 470 for 47μH.

(4)Inductance tolerance : "N": ±30%; "M": ±20%; "K": ±10%

ZXYEPNR Series Electrical Characteristics @100KHz/1.0V,25℃:

Part No.	L(μH)	ZXYEPNR5020		ZXYEPNR5040		ZXYEPNR6020		ZXYEPNR6028		ZXYEPNR6045		ZXYEPNR8040	
		Isat (A)Max	DCR (Ω)Max	Isat (A)Max	DCR (Ω)Max	Isat (A)Max	DCR (Ω)Max	Isat (A)Max	DCR (Ω)Max	Isat (A)Max	DCR (Ω)Max	Isat (A)Max	DCR (Ω)Max
R68N	0.68					6.55	0.017						

R82N	0.82					5.3	0.017					13.8	0.08
1R0N	1	4.1	0.02	7.35	0.012	4.15	0.02	6	0.012	9.85	0.011	9.85	0.008
1R2N	1.2			6.5	0.015					9.4	0.012		
1R5N	1.5	4.1	0.03	6.3	0.016	4.25	0.022	5.75	0.015	8.8	0.012	8.15	0.01
1R8N	1.8							5.5	0.017	8	0.013		
2R2N	2.2	3.2	0.04	4.9	0.019	3.75	0.028	5.1	0.02	6.75	0.014	7.1	0.012
2R7N	2.7							4.15	0.02				
3R3N	3.3	2.55	0.05	3.95	0.024	3.15	0.035	3.8	0.025	5.9	0.021	6.5	0.017
4R7N	4.7	2.5	0.057	3.5	0.03	3	0.058	3	0.03	4.97	0.026	5.9	0.019
5R6N	5.6			3	0.035					4.15	0.029		
6R8N	6.8	2.05	0.083	2.9	0.043	2.2	0.079	2.6	0.047	3.9	0.031	4.55	0.024
8R2N	8.2	1.85	0.098							3.9	0.043	4.2	0.026
100M	10	1.7	0.12	2.35	0.064	1.75	0.105	2.04	0.072	3.2	0.048	3.6	0.042
120M	12	1.5	0.14			1.45	0.12	1.8	0.08				
150M	15	1.35	0.165	2	0.086	1.2	0.145	1.75	0.12	2.5	0.068	2.95	0.047
180M	18	1.25	0.2			1.2	0.18	1.52	0.125			2.7	0.053
220M	22	1.15	0.25	1.6	0.129	1.05	0.204	1.45	0.14	2.05	0.089	2.4	0.069
330M	33	0.92	0.4	1.3	0.188	0.95	0.3	1.35	0.185	1.65	0.137		
470M	47	0.77	0.58	1.1	0.222	0.7	0.43	1.15	0.315	1.4	0.2	1.75	0.136
560M	56									1.3	0.221		
680M	68	0.65	0.74	0.9	0.4			0.8	0.36	1.2	0.289	1.45	0.196
820K	82							0.8	0.5			1.3	0.225
101K	100	0.53	1.1	0.75	0.56			0.65	0.5	0.95	0.433	1.15	0.29
121K	120									0.85	0.484	1.05	0.334
151K	150			0.65	0.75					0.8	0.58	1.1	0.41
221K	220			0.4	1.28					0.7	0.834	0.85	0.599
331K	330									0.57	1.27	0.68	0.889
471K	470									0.5	1.8	0.6	1.26
681K	680									0.42	2.5	0.5	2.04
102K	1000			0.25	6.2			0.18	5.8	0.3	4.5	0.4	2.8
152K	1500									0.24	6.5		
222K	2200			0.1	13								

Ordering Information :

ZXYEPNR - 5040 - 222 K

(1)Type : ZXYE PNR Power Inductor.

(2)Style : 5040 : **A**=5.0mm, **C**=4.0mm.

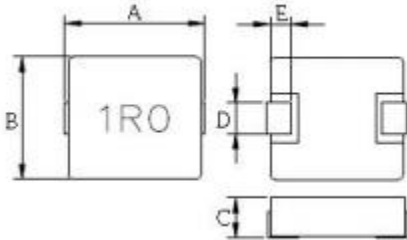
(3)Inductance : 222 for 2200μH.

(4)Inductance tolerance : "**N**": ±30%; "**M**": ±20%; "**K**": ±10%

--One-piece Chip Inductor

ZXY2016 系 SPECIFICATION

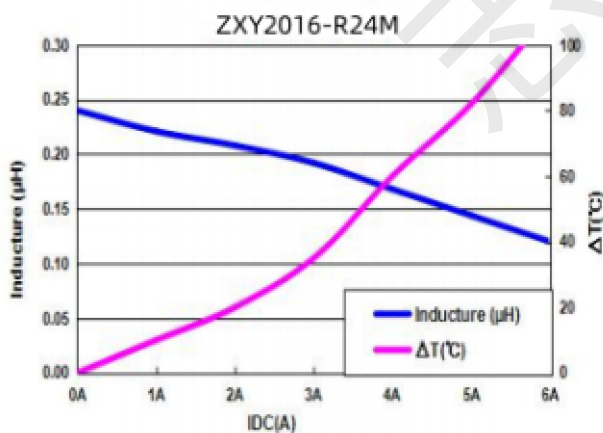
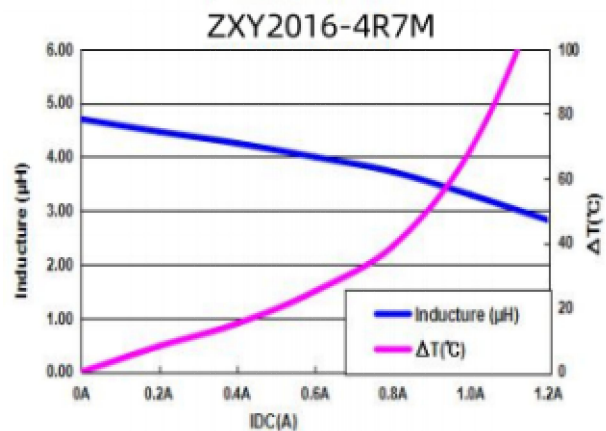
外部尺寸 External Dimensions Unit:mm



	A	B	C (Max)	D	E
ZXY2016	2.0 ± 0.1	1.6 ± 0.1	1.0	0.5 ± 0.3	1.0

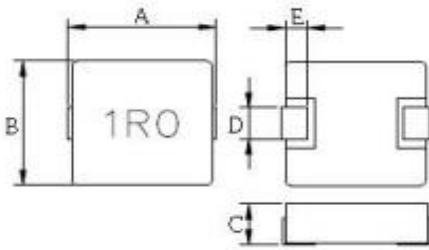
电气特性 Electrical Characteristics

PART NUMBER	INDUCTANCE Lo(μ H) $\pm 20\%$ @0A	DCR(m Ω)		HEAT RATING CURRENT(I _{dc}) DC AMPS ₁	SATURATION CURRENT(I _{sat}) DC AMPS ₂
		Typ.	Max		
ZXY2016-R24M	0.24	37	42	3.0	4.2
ZXY2016-R47M	0.47	40	46	2.8	3.2
ZXY2016-1R0M	1.0	68	75	1.8	2.2
ZXY2016-1R5M	1.5	125	130	1.5	1.65
ZXY2016-2R2M	2.2	153	160	1.0	1.5
ZXY2016-3R3M	3.3	249	255	1.0	1.2
ZXY2016-4R7M	4.7	356	380	0.8	1.0



ZXY2520 系 SPECIFICATION

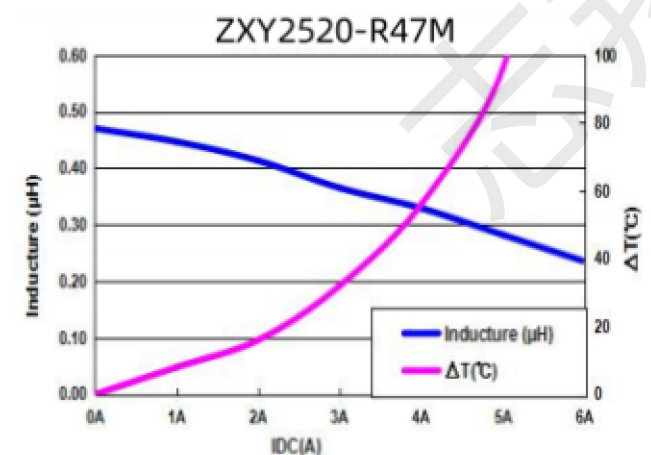
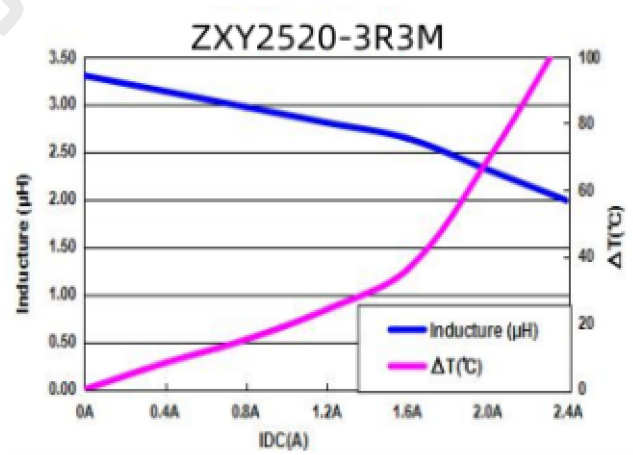
外部尺寸 External Dimensions Unit:mm



	A	B	C (Max)	D	E
ZXY2520	2.5 ± 0.1	2.0 ± 0.1	1.2	0.5 ± 0.3	1.0

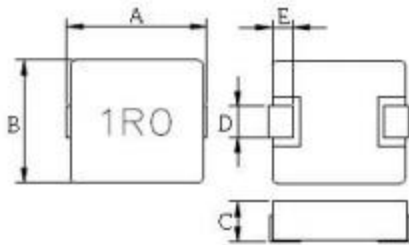
电气特性 Electrical Characteristics

PART NUMBER	INDUCTANCE L_o (μ H) $\pm 20\%$ @0A	DCR ($m\Omega$)		HEAT RATING CURRENT (I_{dc}) DC AMPS1	SATURATION CURRENT (I_{sat}) DC AMPS2
		Typ.	Max		
ZXY2520-R47M	0.47	35	39	3.4	4.2
ZXY2520-1R0M	1.0	53	59	2.7	3.1
ZXY2520-2R2M	2.2	110	117	1.7	2.0
ZXY2520-3R3M	3.3	145	156	1.5	1.8
ZXY2520H-4R7M	4.7	254	260	1.3	1.5



ZXY0312 系 SPECIFICATION

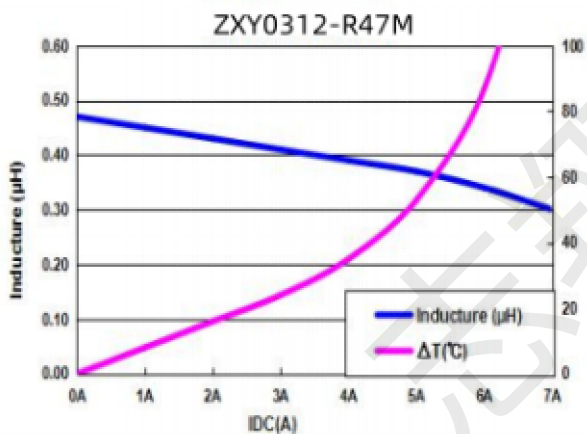
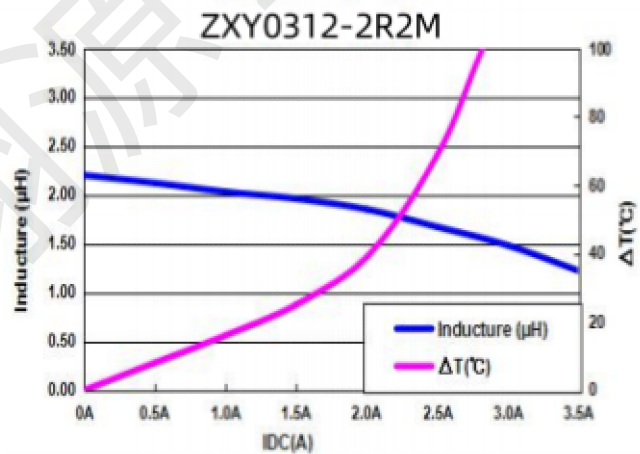
外部尺寸 External Dimensions Unit:mm



	A (Max)	B (Max)	C (Max)	D	E
ZXY0312	3.5	3.2	1.2	1.2±0.5	0.7±0.3

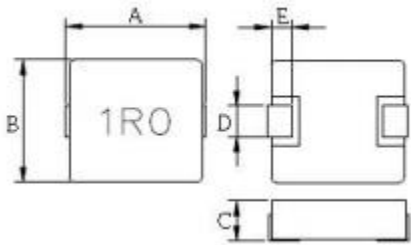
电气特性 Electrical Characteristics

PART NUMBER	INDUCTANCE	DCR (m Ω)		HEAT RATING	SATURATION
	Lo (μ H) ±20%	Typ.	Max	CURRENT (Idc)	CURRENT (Isat)
	@0A			DC AMPS ₁	DC AMPS ₂
ZXY0312-R47M	0.47	23.5	28	4.0	6.0
ZXY0312-1R0M	1.0	46	55	2.8	3.6
ZXY0312-2R2M	2.2	105	125	1.8	2.8



ZXY0320 系 SPECIFICATION

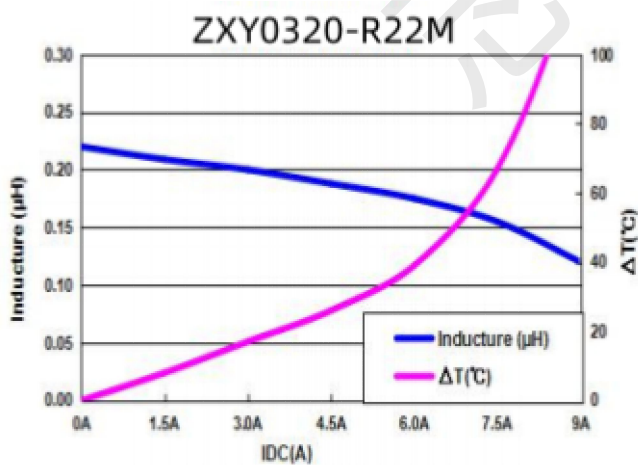
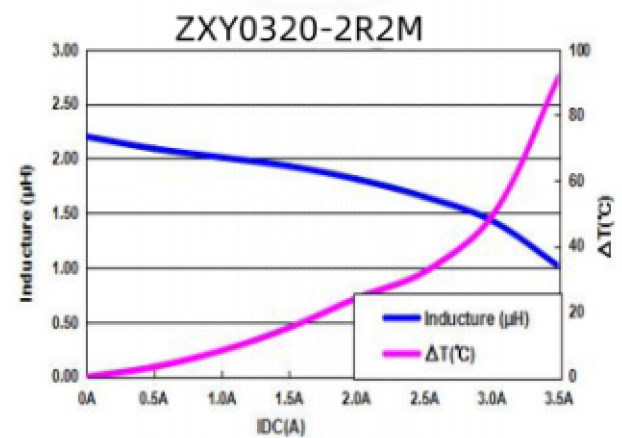
外部尺寸 External Dimensions Unit:mm



	A (Max)	B (Max)	C (Max)	D	E
ZXY0320	3.5	3.2	2.0	1.2± 0.5	0.7± 0.3

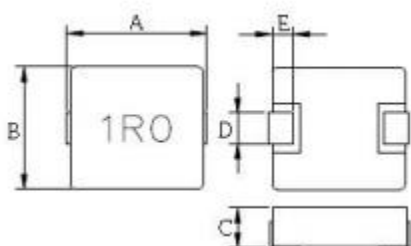
电气特性 Electrical Characteristics

PART NUMBER	INDUCTANCE Lo (μ H) $\pm$ 20% @0A	DCR (m Ω)		HEAT RATING CURRENT (Idc) DC AMPS ₁	SATURATION CURRENT (Isat) DC AMPS ₂
		Typ.	Max		
ZXY0320-R22M	0.22	9.5	11.4	6.5	7.5
ZXY0320-R36M	0.36	11.5	13.8	6.3	6.5
ZXY0320-R56M	0.56	16.2	19.4	5.5	5.5
ZXY0320-R68M	0.68	17	20.4	5.5	5.0
ZXY0320-R88M	0.88	18.5	22	5.5	4.5
ZXY0320-1R0M	1.0	20	24	5.0	4.5
ZXY0320-1R2M	1.2	23	27	5.0	4.0
ZXY0320-1R5M	1.5	28.5	32	3.8	4.0
ZXY0320-2R2M	2.2	42.5	46	3.0	3.3



ZXY0412 系 SPECIFICATION

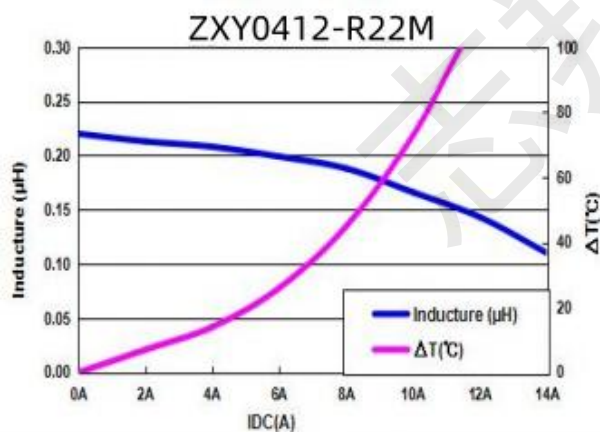
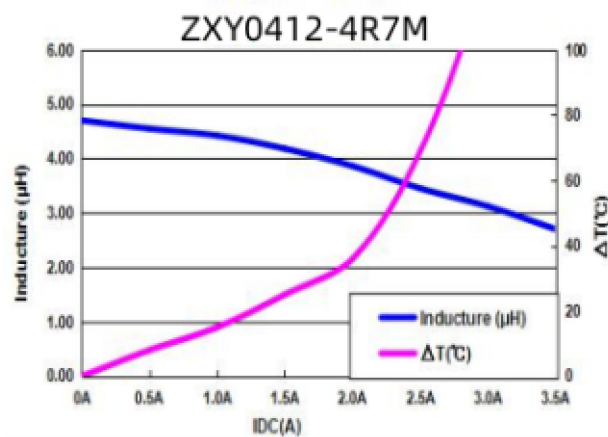
外部尺寸 External Dimensions Unit:mm



	A (Max)	B (Max)	C (Max)	D	E
ZXY0412	4.9	4.5	1.2	1.5±0.5	1.0±0.3

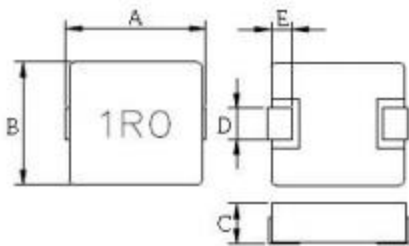
电气特性 Electrical Characteristics

PART NUMBER	INDUCTANCE	DCR (m Ω)		HEAT RATING	SATURATION
	Lo (μH) ±20%	Typ.	Max	CURRENT (Idc)	CURRENT (Isat)
	@0A			DC AMPS ₁	DC AMPS ₂
ZXY0412-R22M	0.22	10.5	12	8.5	11.5
ZXY0412-R47M	0.47	22.5	25	5	7
ZXY0412-R68M	0.68	32.5	36	4.5	6
ZXY0412-1R0M	1.0	42.5	47	4.2	5.2
ZXY0412-2R2M	2.2	75.2	83.5	2.75	3.5
ZXY0412-4R7M	4.7	175.5	195	1.8	2.8



ZXY0415 系 SPECIFICATION

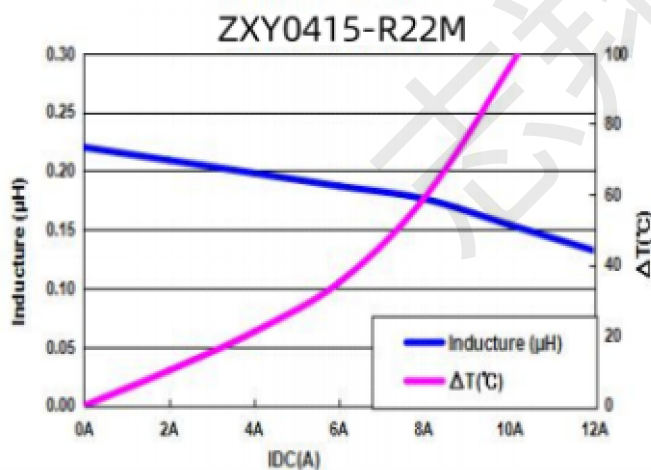
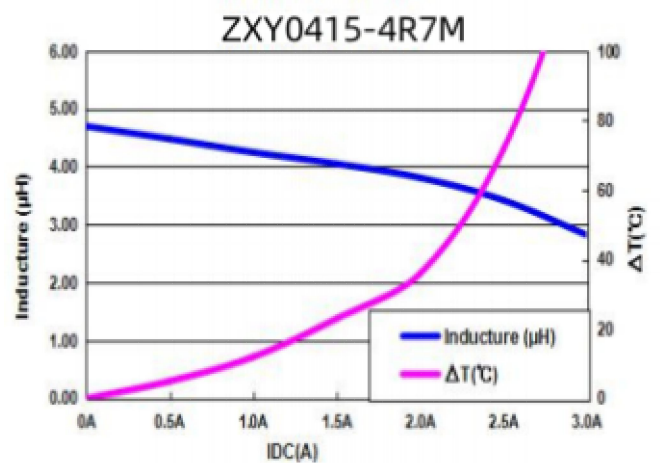
外部尺寸 External Dimensions Unit:mm



	A (Max)	B (Max)	C (Max)	D	E
ZXY0415	4.9	4.5	1.5	1.5± 0.5	1.0± 0.3

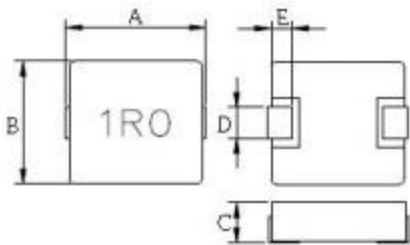
电气特性 Electrical Characteristics

PART NUMBER	INDUCTANCE Lo (μ H) ±20% @0A	DCR (m Ω)		HEAT RATING CURRENT (Idc) DC AMPS ₁	SATURATION CURRENT (Isat) DC AMPS ₂
		Typ.	Max		
ZXY0415-R22M	0.22	7.5	9	6	9
ZXY0415-R47M	0.47	14.7	20	5	7
ZXY0415-1R0M	1.0	35	45	3.5	5
ZXY0415-1R5M	1.5	46	63	3	4
ZXY0415-2R2M	2.2	76	100	2.5	3
ZXY0415-4R7M	4.7	115	140	2	2.5



ZXY0418 系 SPECIFICATION

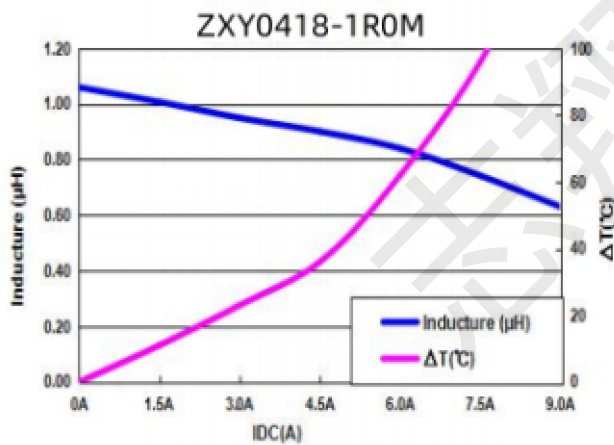
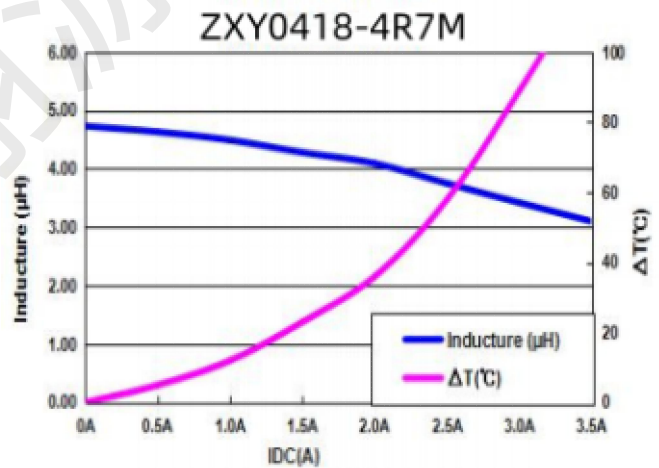
外部尺寸 External Dimensions Unit:mm



	A (Max)	B (Max)	C (Max)	D	E
ZXY0418	4.9	4.5	1.8	1.5± 0.5	1.0± 0.3

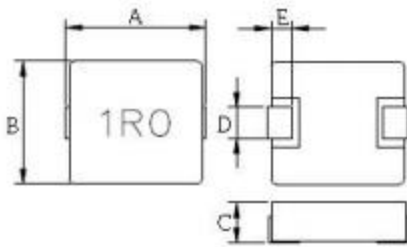
电气特性 Electrical Characteristics

PART NUMBER	INDUCTANCE Lo (μH) ±20% @0A	DCR (m Ω)		HEAT RATING CURRENT (Idc) DC AMPS ₁	SATURATION CURRENT (Isat) DC AMPS ₂
		Typ.	Max		
ZXY0418-1R0M	1.0	25	27	4.5	7
ZXY0418-1R5M	1.5	32	48	4	6
ZXY0418-2R2M	2.2	47	58	3	5
ZXY0418-4R7M	4.7	96	150	2	3



ZXY0420 系 SPECIFICATION

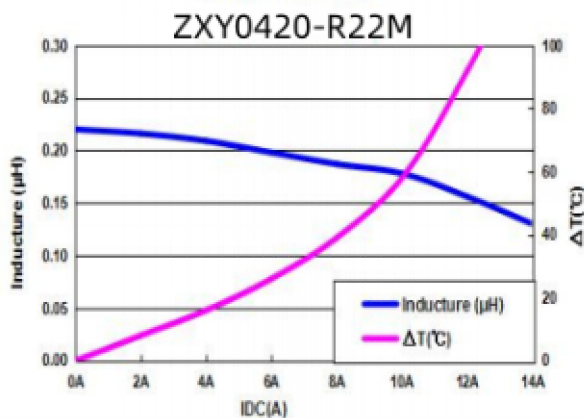
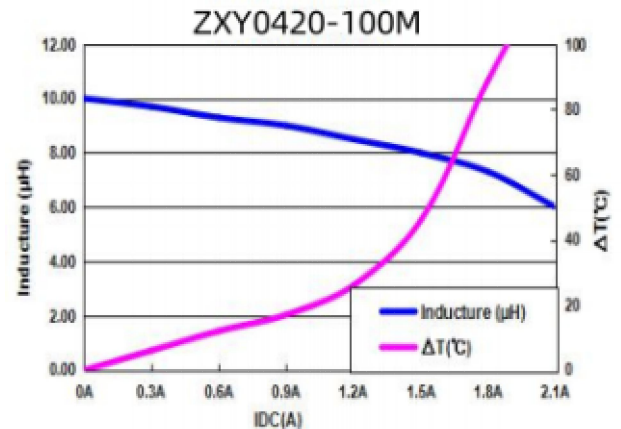
外部尺寸 External Dimensions Unit:mm



	A (Max)	B (Max)	C (Max)	D	E
ZXY0420	4.9	4.5	2.0	1.5± 0.5	1.0± 0.3

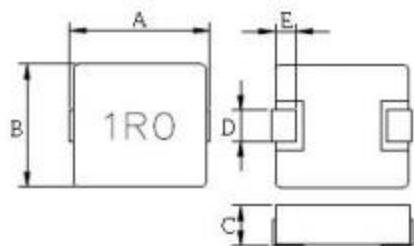
电气特性 Electrical Characteristics

PART NUMBER	INDUCTANCE	DCR (m Ω)		HEAT RATING	SATURATION
	Lo (μ H) ±20%	Typ.	Max	CURRENT (Idc)	CURRENT (Isat)
	@0A			DC AMPS ₁	DC AMPS ₂
ZXY0420-R22M	0.22	6.2	8	9	12
ZXY0420-R33M	0.33	8	10	8	11
ZXY0420-R36M	0.36	8.6	12	7	10
ZXY0420-R47M	0.47	10	14	6	9.5
ZXY0420-R56M	0.56	14	18	5	8
ZXY0420-R68M	0.68	14	21	5.2	8
ZXY0420-1R0M	1.0	25	27	4.5	7
ZXY0420-1R5M	1.5	32	45	4	6
ZXY0420-2R2M	2.2	47	58	3	5
ZXY0420-2R7M	2.7	47.1	58	3	4
ZXY0420-3R3M	3.3	85	90	2	3
ZXY0420-4R7M	4.7	105	150	2	2.8
ZXY0420-6R8M	6.8	130	170	2	2.5
ZXY0420-100M	10	170	200	1.5	1.8



ZXY0512 系 SPECIFICATION

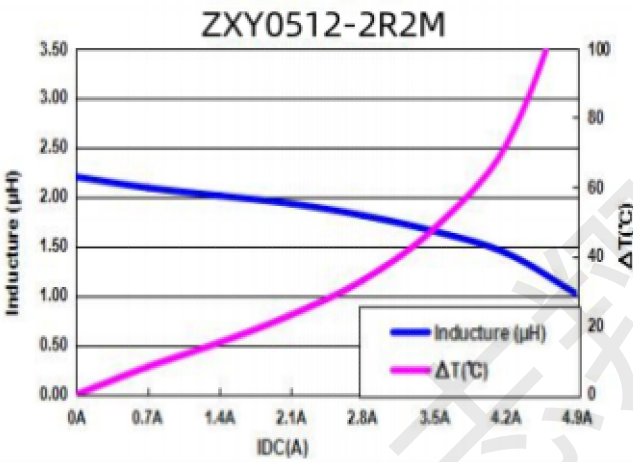
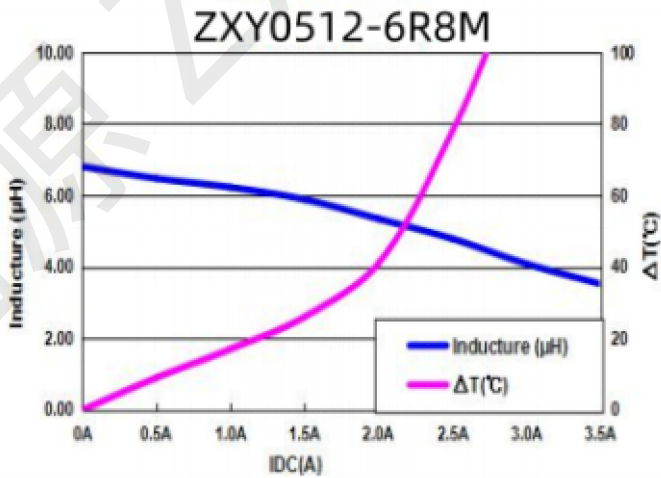
外部尺寸 External Dimensions Unit:mm



Part No.	A (Max)	B (Max)	C (Max)	D	E
ZXY0512	5.9	5.2	1.2	2.0±0.5	1.2±0.5

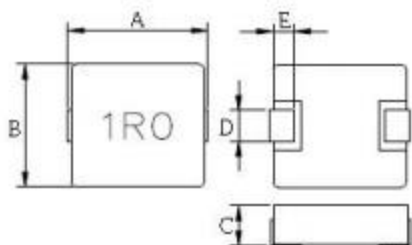
电气特性 Electrical Characteristics

PART NUMBER	INDUCTANCE	DCR (m Ω)		HEAT RATING	SATURATION
	Lo (μ H) ±20%	Typ.	Max	CURRENT (Idc)	CURRENT (Isat)
	@0A			DC AMPS ₁	DC AMPS ₂
ZXY0512-2R2M	2.2	68.5	76	3.5	4
ZXY0512-6R8M	6.8	225	250	2	2.3



ZXY0515 系 SPECIFICATION

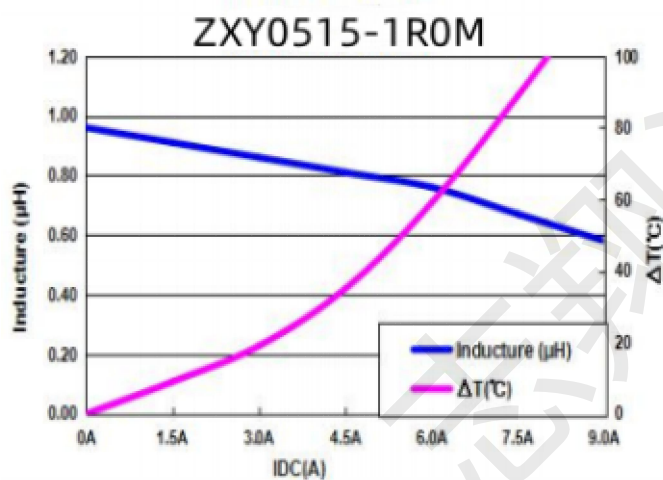
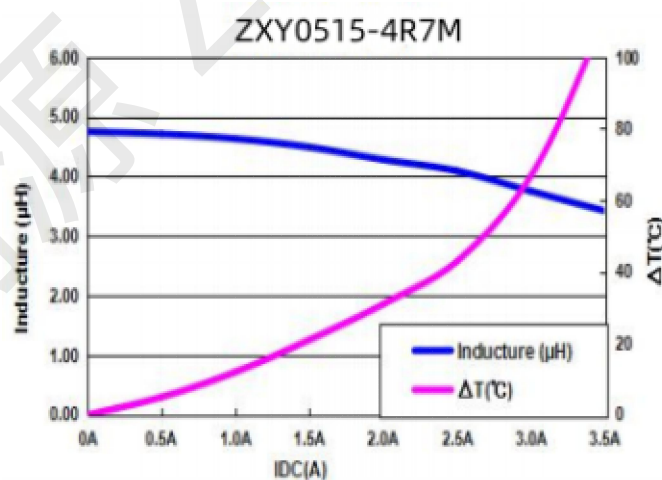
外部尺寸 External Dimensions Unit:mm



Part No.	A (Max)	B (Max)	C (Max)	D	E
ZXY0515	5.9	5.2	1.5	2.0±0.5	1.2±0.5

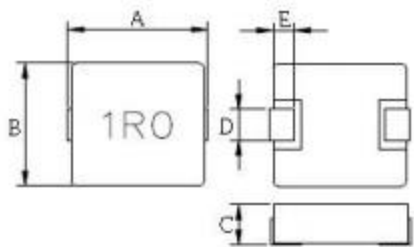
电气特性 Electrical Characteristics

PART NUMBER	INDUCTANCE Lo (μ H) $\pm$ 20% @0A	DCR ($m \Omega$)		HEAT RATING CURRENT (Idc)	SATURATION CURRENT (Isat)
		Typ.	Max	DC AMPS ₁	DC AMPS ₂
ZXY0515-1R0M	1.0	18	25	5	7
ZXY0515-2R2M	2.2	78	85	3	5
ZXY0515-4R7M	4.7	108	120	2.5	3



ZXY0518 系 SPECIFICATION

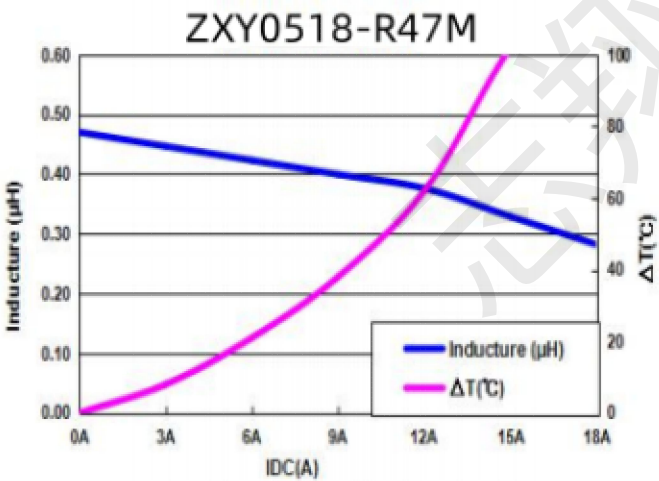
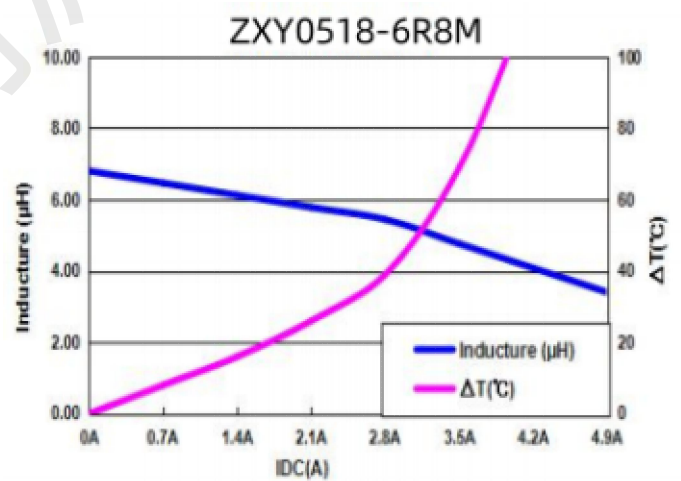
外部尺寸 External Dimensions Unit:mm



	A (Max)	B (Max)	C (Max)	D	E
ZXY0518	5.9	5.2	2.0	2.0±0.5	1.0±0.3

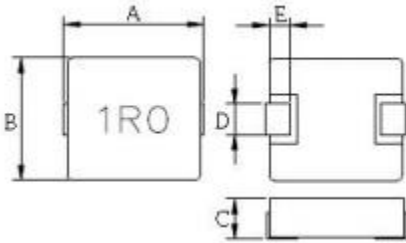
电气特性 Electrical Characteristics

PART NUMBER	INDUCTANCE Lo (μ H) $\pm$ 20% @0A	DCR (m Ω)		HEAT RATING CURRENT (Idc) DC AMPS ₁	SATURATION CURRENT (Isat) DC AMPS ₂
		Typ.	Max		
ZXY0518-R47M	0.47	8.1	9	10.5	15.5
ZXY0518-1R0M	1.0	15.3	17	8	9
ZXY0518-2R2M	2.2	31.5	35	5	6.5
ZXY0518-6R8M	6.8	108	120	2.8	3.4



ZXY0520 系 SPECIFICATION

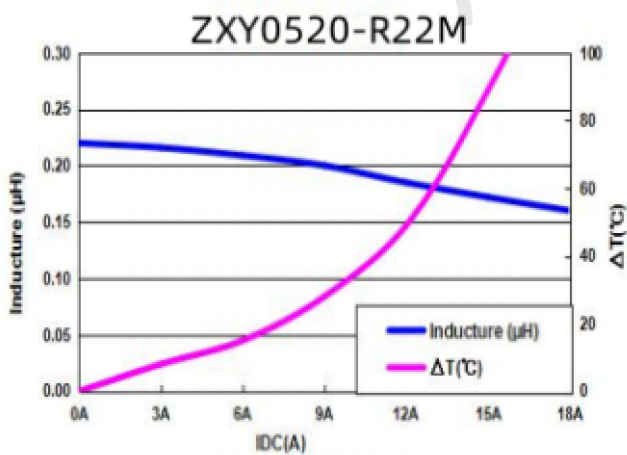
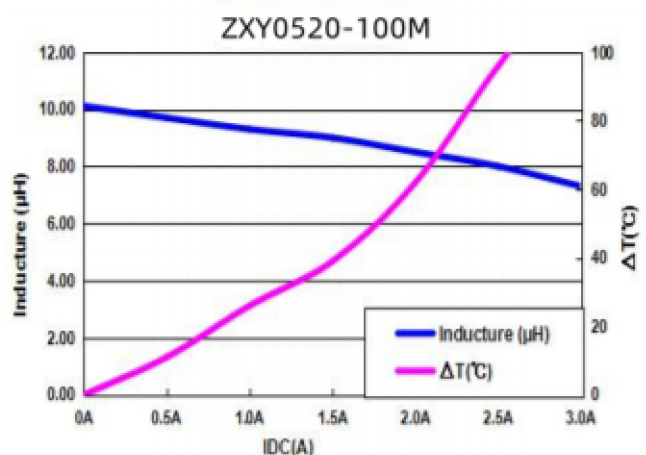
外部尺寸 External Dimensions Unit:mm



	A (Max)	B (Max)	C (Max)	D	E
ZXY0520	5.9	5.2	2.0	2.0±0.5	1.0±0.3

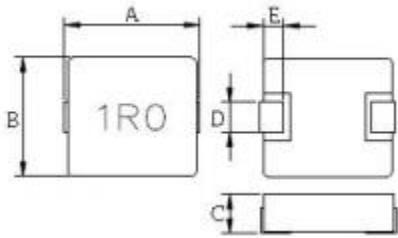
电气特性 Electrical Characteristics

PART NUMBER	INDUCTANCE Lo (μH) ±20% @0A	DCR (m Ω)		HEAT RATING CURRENT (Idc) DC AMPS ₁	SATURATION CURRENT (Isat) DC AMPS ₂
		Typ.	Max		
ZXY0520-R22M	0.22	4.6	6	10.5	16
ZXY0520-R33M	0.33	7.5	9	10	15
ZXY0520-R47M	0.47	8.2	10	9	12
ZXY0520-R68M	0.68	12.5	16	7	11
ZXY0520-1R0M	1.0	13	17	7	8
ZXY0520-1R5M	1.5	21	28	5	7
ZXY0520-2R2M	2.2	31	45	4	6
ZXY0520-3R3M	3.3	53	80	3.5	5
ZXY0520-4R7M	4.7	66	85	3	3.5
ZXY0520-6R8M	6.8	93	100	2	3
ZXY0520-100M	10	170	190	1.5	2.5



ZXY0530 系 SPECIFICATION

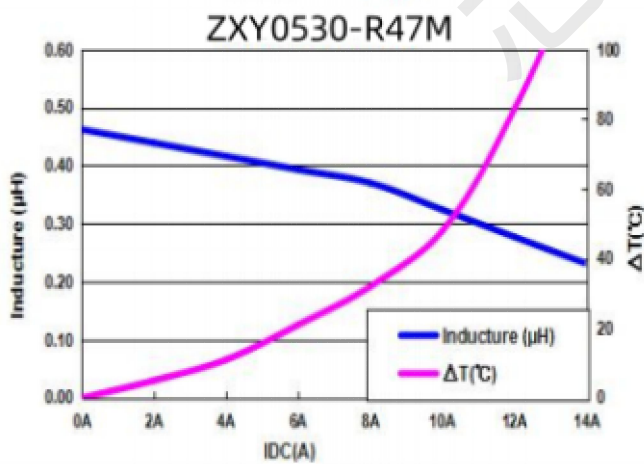
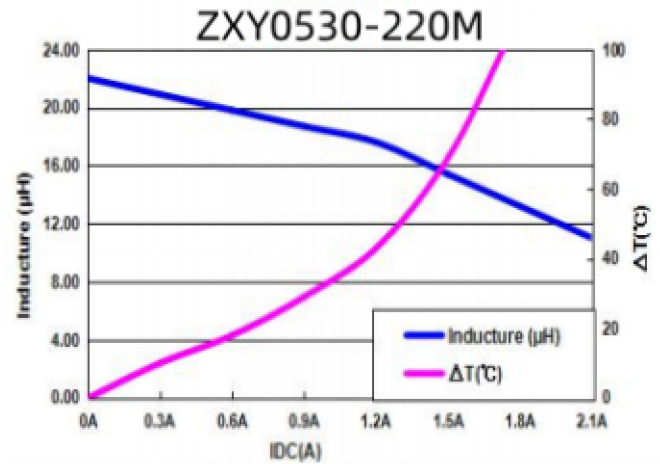
外部尺寸 External Dimensions Unit:mm



	A (Max)	B (Max)	C (Max)	D	E
ZXY0530	5.9	5.2	3.0	2.0± 0.5	1.0± 0.3

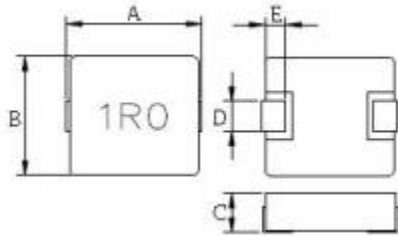
电气特性 Electrical Characteristics

PART NUMBER	INDUCTANCE Lo (μH) ±20% @0A	DCR (mΩ)		HEAT RATING CURRENT (Idc) DC AMPS ₁	SATURATION CURRENT (Isat) DC AMPS ₂
		Typ.	Max		
ZXY0530-R47M	0.47	8	11	10	13
ZXY0530-R68M	0.68	9	12	9	12
ZXY0530-1R0M	1.0	14	16	7	11
ZXY0530-1R5M	1.5	17	22	5	10
ZXY0530-2R2M	2.2	28	35	4	9
ZXY0530-3R3M	3.3	31	38	3.5	7
ZXY0530-4R7M	4.7	42	60	3	5
ZXY0530-6R8M	6.8	77	90	2.5	3.5
ZXY0530-100M	10	82	100	2	3
ZXY0530-150M	15	146	165	1.5	2
ZXY0530-220M	22	203	230	1.2	1.5



ZXY0540 系 SPECIFICATION

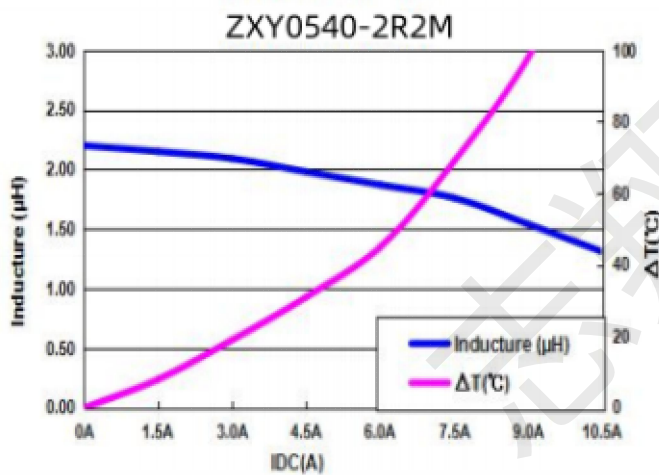
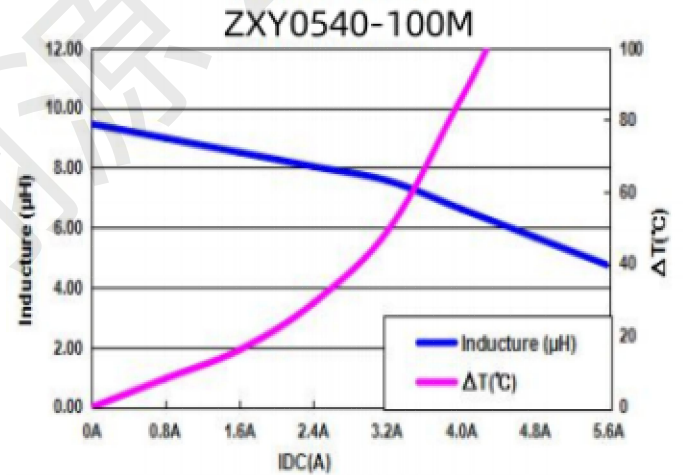
外部尺寸 External Dimensions Unit:mm



Part No.	A (Max)	B (Max)	C (Max)	D	E
ZXY0540	5.9	5.2	4.0	2.0±0.5	1.0±0.3

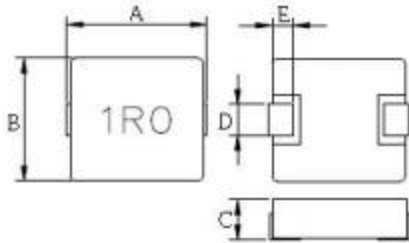
电气特性 Electrical Characteristics

PART NUMBER	INDUCTANCE	DCR (m Ω)		HEAT RATING	SATURATION
	Lo (μ H) ±20%	Typ.	Max	CURRENT (Idc)	CURRENT (Isat)
	@0A			DC AMPS ₁	DC AMPS ₂
ZXY0540-2R2M	2.2	29	35	5.5	9
ZXY0540-100M	10	77	90	3	4



ZXY0550 系 SPECIFICATION

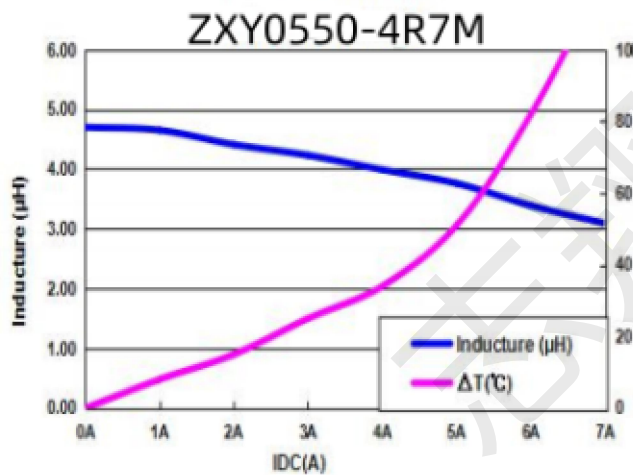
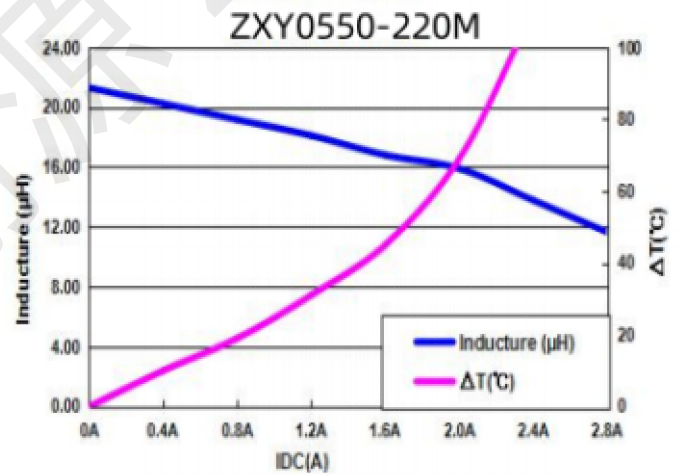
外部尺寸 External Dimensions Unit:mm



	A (Max)	B (Max)	C (Max)	D	E
ZXY0550	5.9	5.2	5.0	2.0±0.5	1.0±0.3

电气特性 Electrical Characteristics

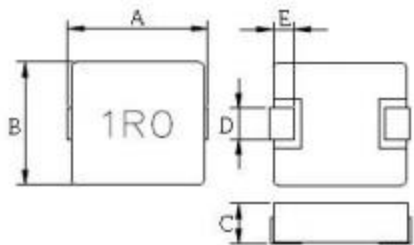
PART NUMBER	INDUCTANCE Lo (μH) ±20% @0A	DCR (mΩ)		HEAT RATING CURRENT (Idc) DC AMPS ₁	SATURATION CURRENT (Isat) DC AMPS ₂
		Typ.	Max		
ZXY0550-4R7M	4.7	46	50	5	6
ZXY0550-6R8M	6.8	58	70	3	5.5
ZXY0550-150M	15	104	138	2.5	3.5
ZXY0550-220M	22	196	238	1.5	2





ZXY0560 系 SPECIFICATION

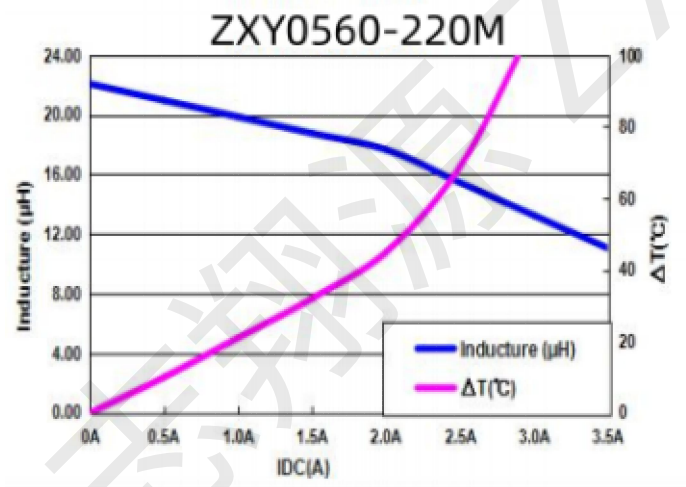
外部尺寸 External Dimensions Unit:mm



	A (Max)	B (Max)	C (Max)	D	E
ZXY0560	5.9	5.2	6.0	2.0±0.5	1.0±0.3

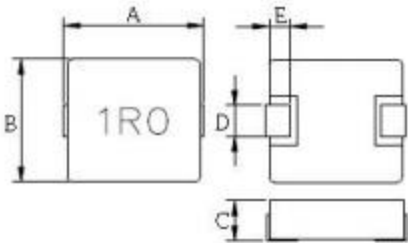
电气特性 Electrical Characteristics

PART NUMBER	INDUCTANCE	DCR (m Ω)		HEAT RATING	SATURATION
	Lo (μ H) ±20%	Typ.	Max	CURRENT (Idc)	CURRENT (Isat)
	@0A			DC AMPS ₁	DC AMPS ₂
ZXY0560-220M	22	110	140	1.5	2.5



ZXY0612 系 SPECIFICATION

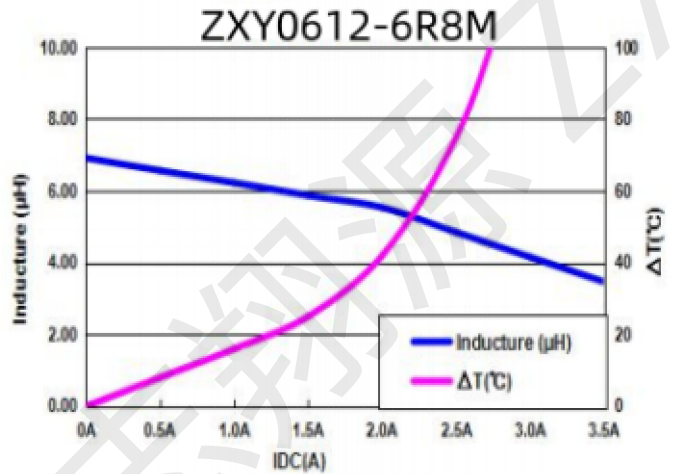
外部尺寸 External Dimensions Unit:mm



Part No.	A (Max)	B (Max)	C (Max)	D	E
ZXY0612	7.8	7.0	1.2	3.0±0.3	1.5±0.5

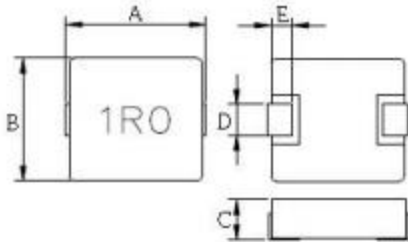
电气特性 Electrical Characteristics

PART NUMBER	INDUCTANCE	DCR (m Ω)		HEAT RATING	SATURATION
	Lo (μ H) ±20%	Typ.	Max	CURRENT (Idc)	CURRENT (Isat)
	@0A			DC AMPS ₁	DC AMPS ₂
ZXY0612-6R8M	6.8	18.9	210	2.2	2.8



ZXY0615 系 SPECIFICATION

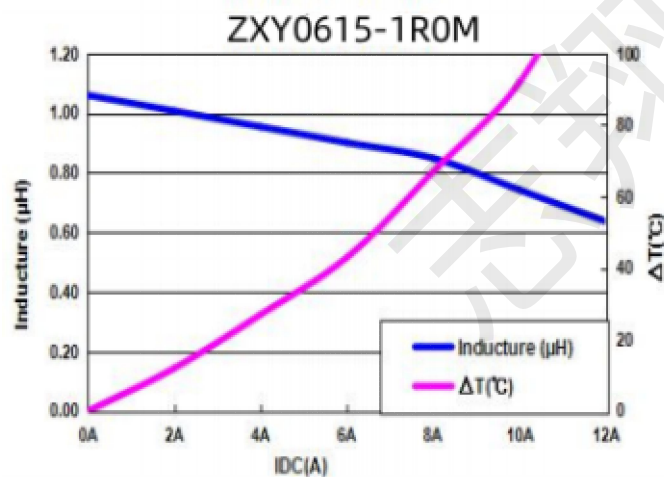
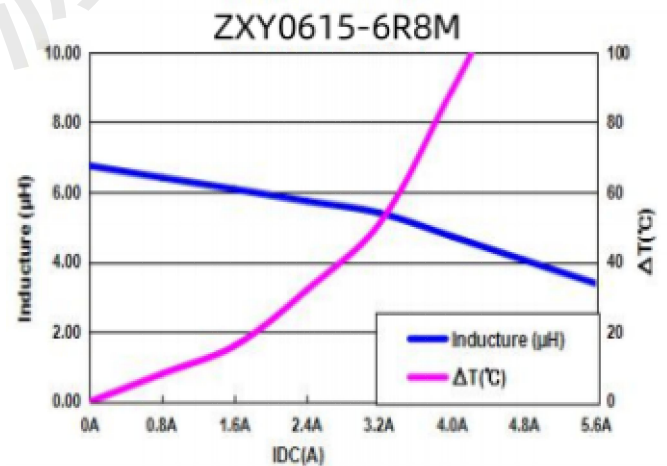
外部尺寸 External Dimensions Unit:mm



Part No.	A (Max)	B (Max)	C (Max)	D	E
ZXY0615	7.8	7.0	1.5	3.0±0.3	1.5±0.5

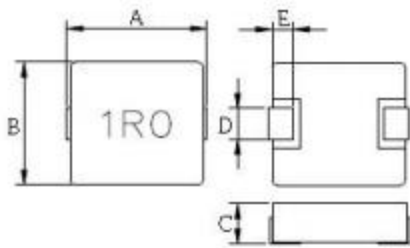
电气特性 Electrical Characteristics

PART NUMBER	INDUCTANCE Lo (μ H) $\pm 20\%$ @0A	DCR ($m \Omega$)		HEAT RATING CURRENT (Idc) DC AMPS ₁	SATURATION CURRENT (Isat) DC AMPS ₂
		Typ.	Max		
ZXY0615-1R0M	1.0	22.5	25	5.5	9
ZXY0615-2R2M	2.2	48.6	54	3.5	6
ZXY0615-3R3M	3.3	56.7	63	3.3	5.5
ZXY0615-4R7M	4.7	94.5	105	3.2	4.5
ZXY0615-6R8M	6.8	126	140	2.5	4



ZXY0618 系 SPECIFICATION

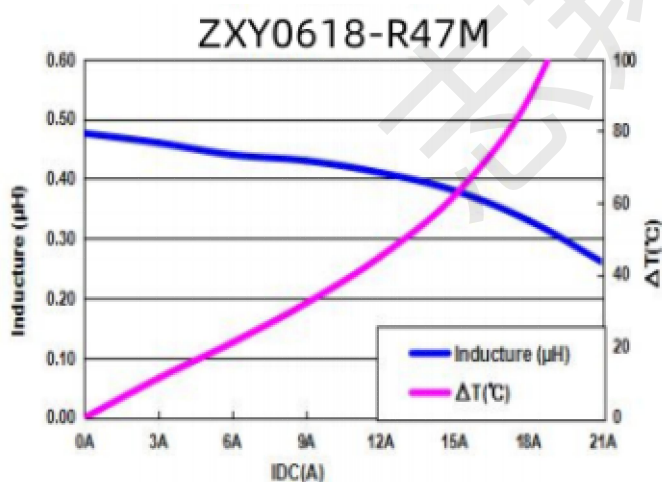
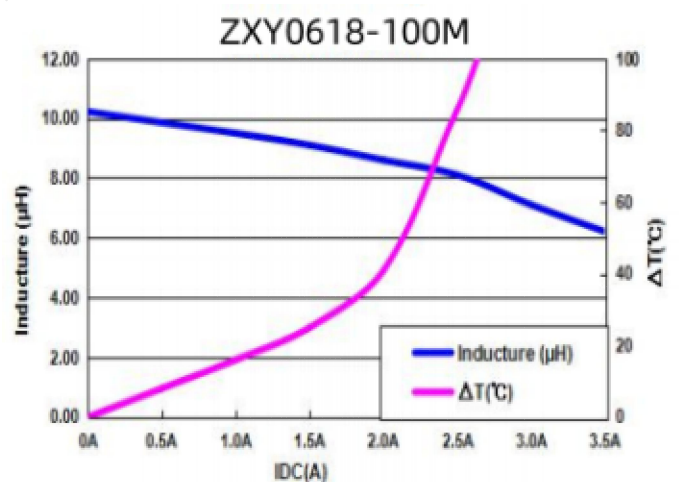
外部尺寸 External Dimensions Unit:mm



	A (Max)	B (Max)	C (Max)	D	E
ZXY0618	7.8	7.0	1.8	3.0 ± 0.3	1.5 ± 0.5

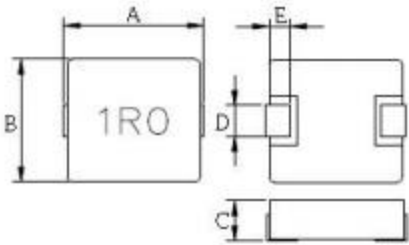
电气特性 Electrical Characteristic

PART NUMBER	INDUCTANCE Lo (μH) ±20% @0A	DCR (mΩ)		HEAT RATING CURRENT (Idc) DC AMPS ₁	SATURATION CURRENT (Isat) DC AMPS ₂
		Typ.	Max		
ZXY0618-R47M	0.47	7.2	8.4	11	18
ZXY0618-R68M	0.68	9.5	12	10.5	16
ZXY0618-1R0M	1.0	17	22	6	11
ZXY0618-1R5M	1.5	23	30	6.5	9.8
ZXY0618-2R2M	2.2	31	35	6	9
ZXY0618-3R3M	3.3	62	68	3.5	8
ZXY0618-4R7M	4.7	67	75	3	5
ZXY0618-100M	10.0	99	137	2	3



ZXY0620 系 SPECIFICATION

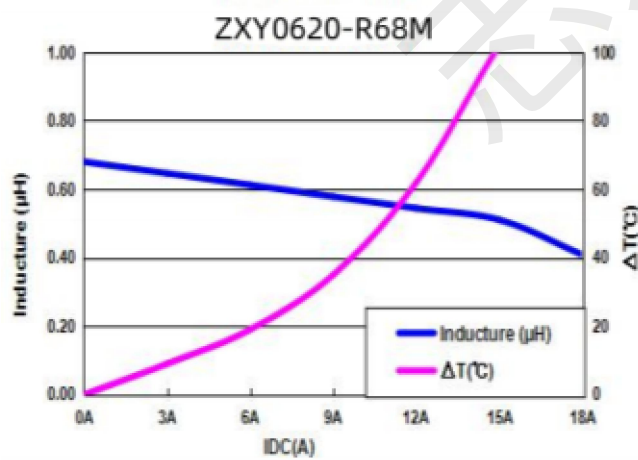
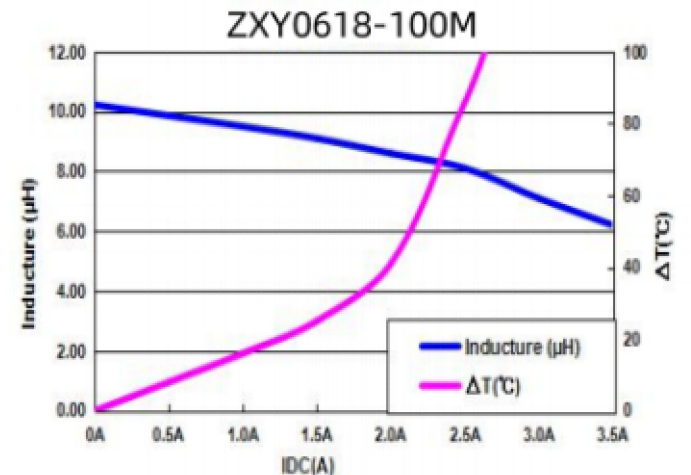
外部尺寸 External Dimensions Unit:mm



	A (Max)	B (Max)	C (Max)	D	E
ZXY0620	7.8	7.0	2.0	3.0±0.3	1.5±0.5

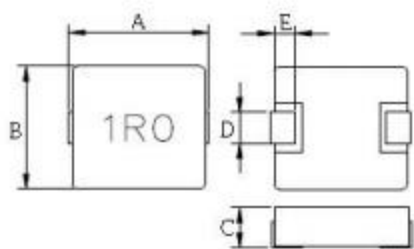
电气特性 Electrical Characteristic

PART NUMBER	INDUCTANCE Lo (μ H) $\pm$ 20% @0A	DCR ($m \Omega$)		HEAT RATING CURRENT (Idc) DC AMPS ₁	SATURATION CURRENT (Isat) DC AMPS ₂
		Typ.	Max		
ZXY0620-R68M	0.68	8.8	10	10.5	16
ZXY0620-1R0M	1.0	16	20	7	14
ZXY0620-1R5M	1.5	23	30	6	12
ZXY0620-2R2M	2.2	31	35	5	10
ZXY0620-3R3M	3.3	50	64	3.5	7.5
ZXY0620-4R7M	4.7	64	70	3.5	6
ZXY0620-6R8M	6.8	85	100	3	4
ZXY0620-100M	10.0	102	154	2.8	3.5



ZXY0624 系 SPECIFICATION

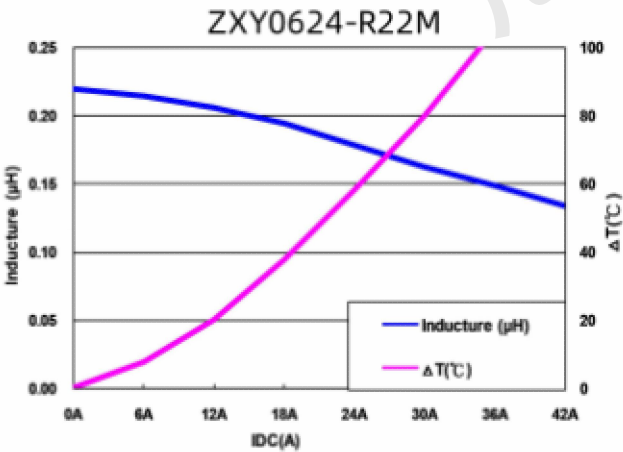
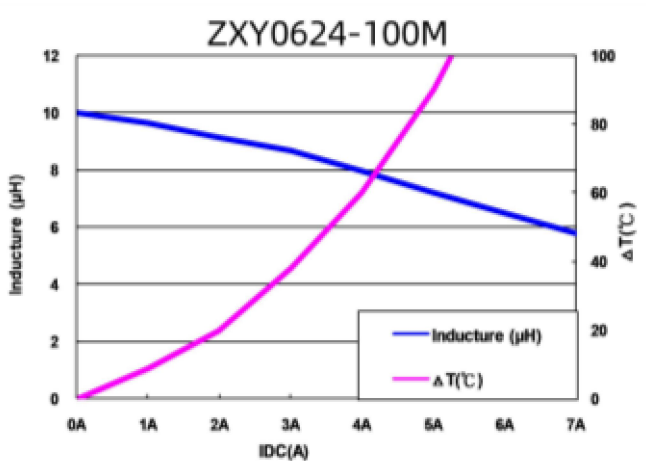
外部尺寸 External Dimensions Unit:mm



	A (Max)	B (Max)	C (Max)	D	E
ZXY0624	7.8	7.0	2.4	3.0±0.3	1.5±0.5

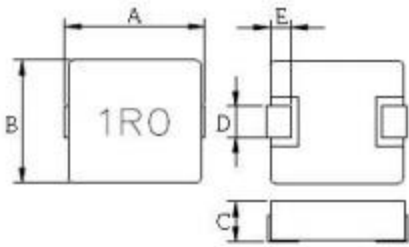
电气特性 Electrical Characteristic

PART NUMBER	INDUCTANCE	DCR (m Ω)		HEAT RATING	SATURATION
	Lo (μH) ±20%	Typ.	Max	CURRENT (Idc)	CURRENT (Isat)
	@0A			DC AMPS ₁	DC AMPS ₂
ZXY0624-R22M	0.22	2.2	2.8	17	35
ZXY0624-R47M	0.47	5.9	6.8	13	21
ZXY0624-R68M	0.68	6.9	8	9	20
ZXY0624-1R0M	1.0	9	11	7	13
ZXY0624-1R5M	1.5	14	20	6.5	12
ZXY0624-2R2M	2.2	22	26	6	11
ZXY0624-3R3M	3.3	23	28	5.8	8.7
ZXY0624-4R7M	4.7	59	73	3.5	8
ZXY0624-5R6M	5.6	74	80	5	7
ZXY0624-6R8M	6.8	81	90	3	5
ZXY0624-100M	10	97	125	3	4.5



ZXY0630 系 SPECIFICATION

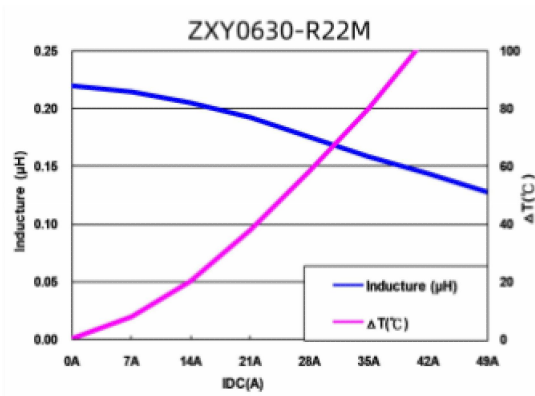
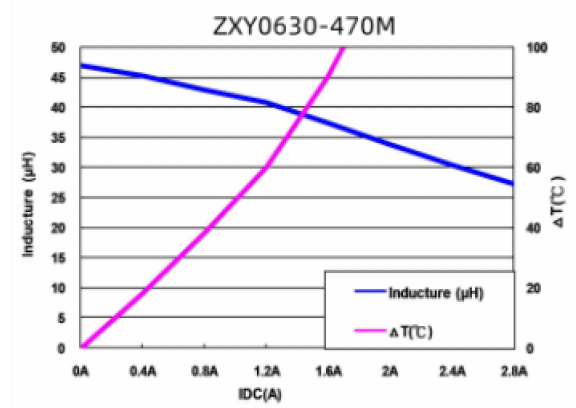
外部尺寸 External Dimensions Unit:mm



	A (Max)	B (Max)	C (Max)	D	E
ZXY0630	7.8	7.0	3.0	3.0± 0.3	1.5± 0.5

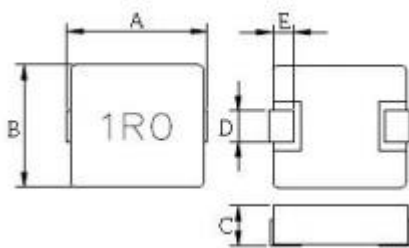
电气特性 Electrical Characteristic

PART NUMBER	INDUCTANCE Lo (μ H) $\pm$ 20% @0A	DCR (m Ω)		HEAT RATING CURRENT (Idc) DC AMPS ₁	SATURATION CURRENT (Isat) DC AMPS ₂
		Typ.	Max		
ZXY0630-R22M	0.22	2.7	3.5	20	40
ZXY0630-R33M	0.33	3.2	3.9	20	30
ZXY0630-R47M	0.47	3.2	4.5	17.5	25
ZXY0630-R56M	0.56	4.6	5.5	15.5	24
ZXY0630-R68M	0.68	4.6	5.5	14	23
ZXY0630-R82M	0.82	6.5	8	13	20
ZXY0630-1R0M	1.0	7.5	9	11	16
ZXY0630-1R5M	1.5	11	15	9	14
ZXY0630-2R2M	2.2	15	20	8	12
ZXY0630-3R3M	3.3	28	30	6	10
ZXY0630-4R7M	4.7	38	40	5.5	9
ZXY0630-5R6M	5.6	50	60	5	7
ZXY0630-6R8M	6.8	51	60	4.5	6
ZXY0630-8R2M	8.2	75	80	4	6
ZXY0630-100M	10.0	99	105	3	5.5
ZXY0630-150M	15.0	110	140	2.8	4
ZXY0630-220M	22.0	125	167	2.5	3.5
ZXY0630-330M	33.0	245	280	1	2
ZXY0630-470M	47.0	255	290	0.8	1.8



ZXY0640 系 SPECIFICATION

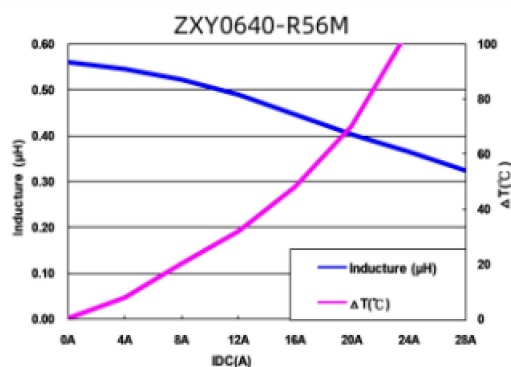
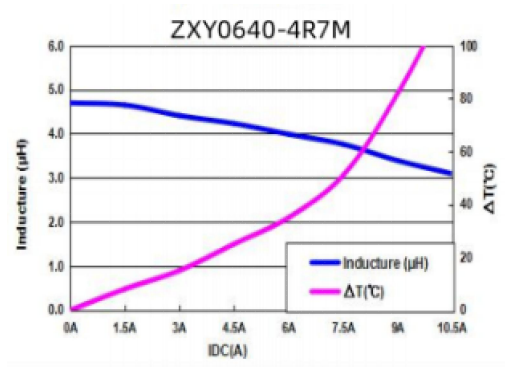
外部尺寸 External Dimensions Unit:mm



	A (Max)	B (Max)	C (Max)	D	E
ZXY0640	7.8	7.0	4.0	3.0± 0.3	1.5± 0.5

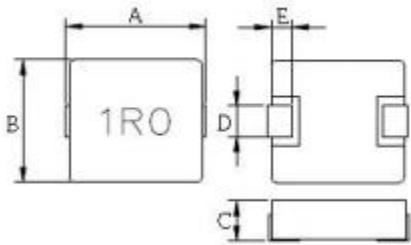
电气特性 Electrical Characteristic

PART NUMBER	INDUCTANCE Lo (μH) ±20% @0A	DCR (m Ω)		HEAT RATING CURRENT (Idc) DC AMPS ₁	SATURATION CURRENT (Isat) DC AMPS ₂
		Typ.	Max		
ZXY0640-R56M	0.56	4.2	5.5	14	22
ZXY0640-R68M	0.68	4.2	5.5	13	20
ZXYC0640-1R0 M	1.0	7.4	8.5	12	19
ZXY0640-1R5M	1.5	12	15	10	16
ZXY0640-2R2M	2.2	13	18	8.5	14
ZXY0640-3R3M	3.3	17	20	7	13
ZXY0640-4R7M	4.7	23	28	6	8



ZXY0650 系 SPECIFICATION

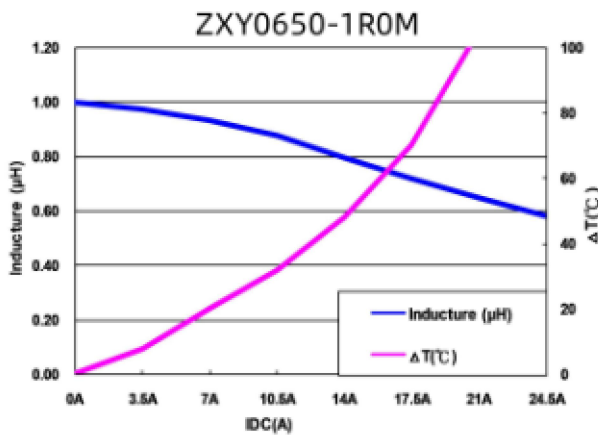
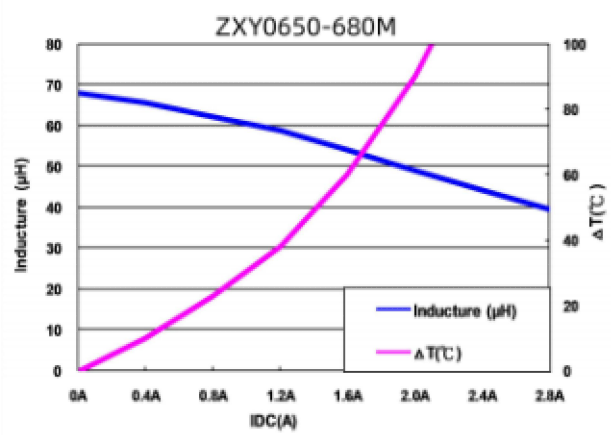
外部尺寸 External Dimensions Unit:mm



	A (Max)	B (Max)	C (Max)	D	E
ZXY0650	7.8	7.0	5.0	3.0± 0.3	1.5± 0.5

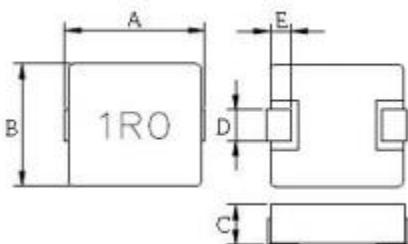
电气特性 Electrical Characteristic

PART NUMBER	INDUCTANCE	DCR (m Ω)		HEAT RATING	SATURATION
	Lo (μH) ±20%	Typ.	Max	CURRENT (Idc)	CURRENT (Isat)
	@0A			DC AMPS ₁	DC AMPS ₂
ZXY0650-R22M	0.22	2.3	3.5	20	45
ZXY0650-R47M	0.47	3.5	4.5	18	21
ZXY0650-R56M	0.56	4.6	6	17	25
ZXY0650-R68M	0.68	5.5	6.5	14	19
ZXY0650-R82M	0.82	6.5	7.5	14	18
ZXY0650-1R0M	1.0	7.0	8.5	13	17
ZXY0650-1R5M	1.5	7.5	9	11.5	12
ZXY0650-2R2M	2.2	10	12.5	8	12
ZXY0650-3R3M	3.3	14	20	7	9
ZXY0650-3R8M	3.8	18.6	25	6.5	8
ZXY0650-4R7M	4.7	13	15	6	7
ZXY0650-4R9M	4.9	15	16	6	6.5
ZXY0650-5R6M	5.6	25	30	6	6
ZXY0650-6R8M	6.8	26	38	5	6
ZXY0650-8R2M	8.2	36	40	4	6
ZXY0650-100M	10.0	51	60	4.5	5.3
ZXY0650-150M	15.0	65	85	3	5
ZXY0650-220M	22.0	77	85	3	4
ZXY0650-330M	33.0	184	237	2	3
ZXY0650-470M	47.0	193	280	2	2
ZXY0650-680M	68	257	310	1.3	1.8



ZXY0660 系 SPECIFICATION

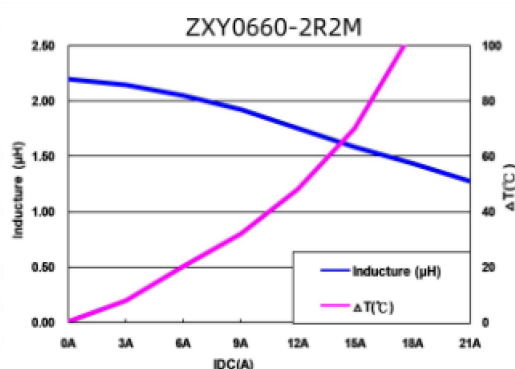
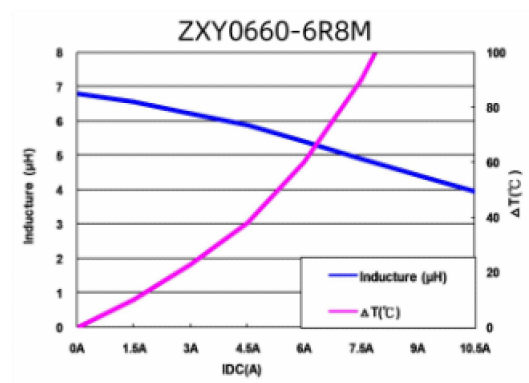
外部尺寸 External Dimensions Unit:mm



	A (Max)	B (Max)	C (Max)	D	E
ZXY0660	7.8	7.0	6.0	3.0±0.3	1.5±0.5

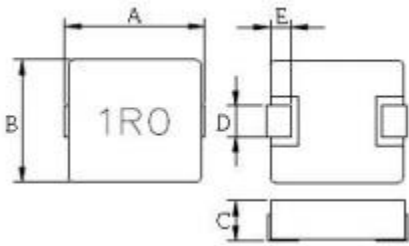
电气特性 Electrical Characteristic

PART NUMBER	INDUCTANCE Lo (μ H) ± 20 % @0A	DCR (m Ω)		HEAT RATING CURRENT (Idc) DC AMPS ₁	SATURATION CURRENT (Isat) DC AMPS ₂
		Typ.	Max		
ZXY0660-2R2M	2.2	8	10	11	14
ZXY0660-3R3M	3.3	9	11	8	12
ZXY0660-6R8M	6.8	19	22	5	7.5



ZXY0830 系 SPECIFICATION

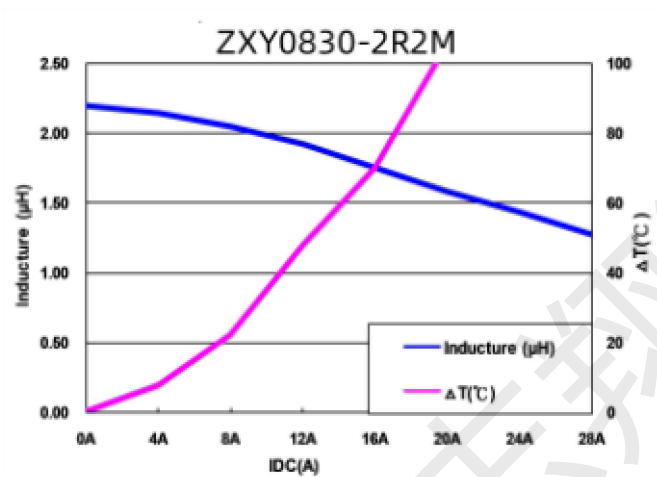
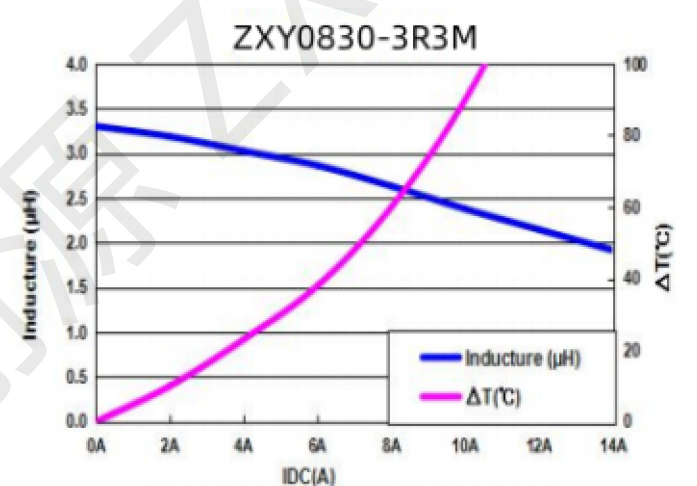
外部尺寸 External Dimensions Unit:mm



	A	B	C(Max)	D	E
ZXY0830	8.0 ± 0.5	9.0 ± 0.5	3.0	3.0± 0.5	1.5± 0.5

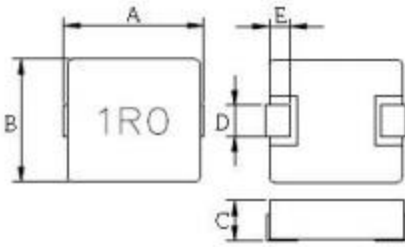
电气特性 Electrical Characteristic

PART NUMBER	INDUCTANCE Lo (μ H) $\pm$ 20% @0A	DCR (m Ω)		HEAT RATING CURRENT (Idc) DC AMPS ₁	SATURATION CURRENT (Isat) DC AMPS ₂
		Typ.	Max		
ZXY0830-2R2M	2.2	18.4	20.3	9	21
ZXY0830-3R3M	3.3	18.2	25	7	10



ZXY0840 系 SPECIFICATION

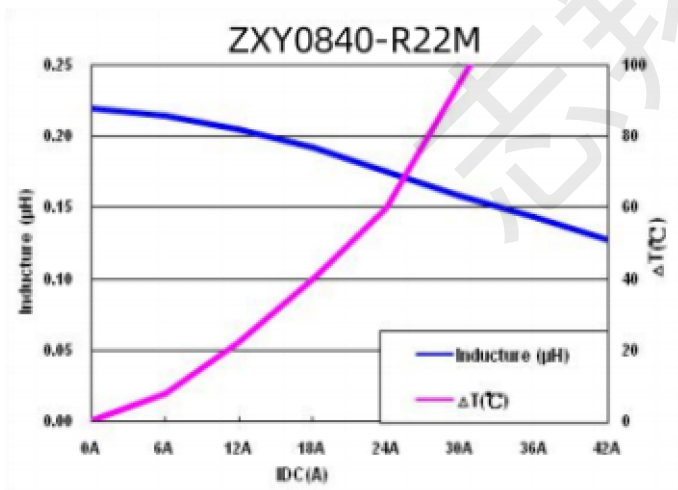
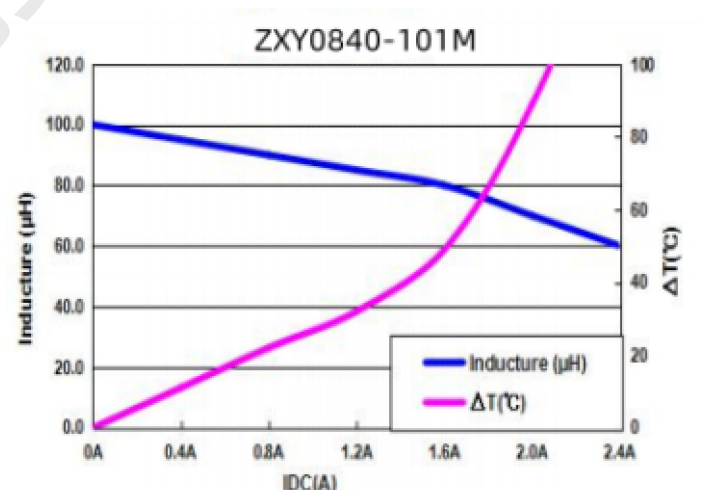
外部尺寸 External Dimensions Unit:mm



	A	B	C(Max)	D	E
ZXY0840	8.0 ± 0.5	9.0 ± 0.5	4.0	3.0± 0.5	1.5± 0.5

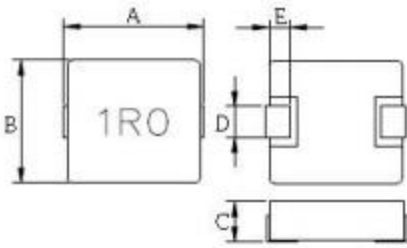
电气特性 Electrical Characteristic

PART NUMBER	INDUCTANCE	DCR (m Ω)		HEAT RATING	SATURATION
	Lo (μH) ±20%	Typ.	Max	CURRENT (Idc)	CURRENT (Isat)
	@0A			DC AMPS ₁	DC AMPS ₂
ZXY0840-R22M	0.22	1.83	2.5	16	32
ZXY0840-1R0M	1.0	7.05	8.0	10	19
ZXY0840-2R2M	2.2	10.8	12.5	8.5	15
ZXY0840-3R3M	3.3	17.8	20	8	12
ZXY0840-100M	10	36	60	4.5	5.3
ZXY0840-330M	33	138	144	2.8	3.2
ZXY0840-101M	100	372	400	1.4	2



ZXY0850 系 SPECIFICATION

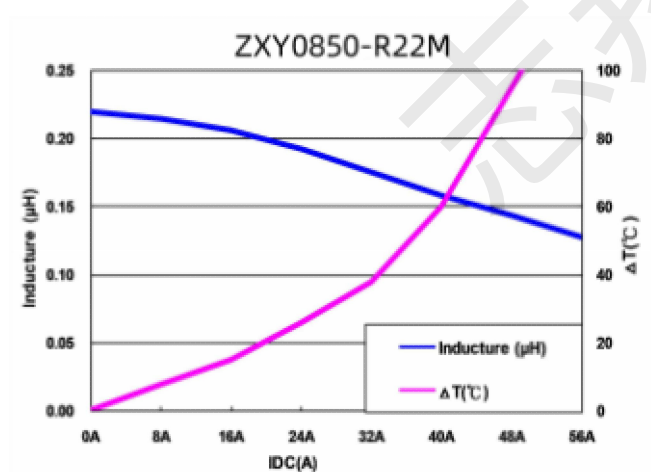
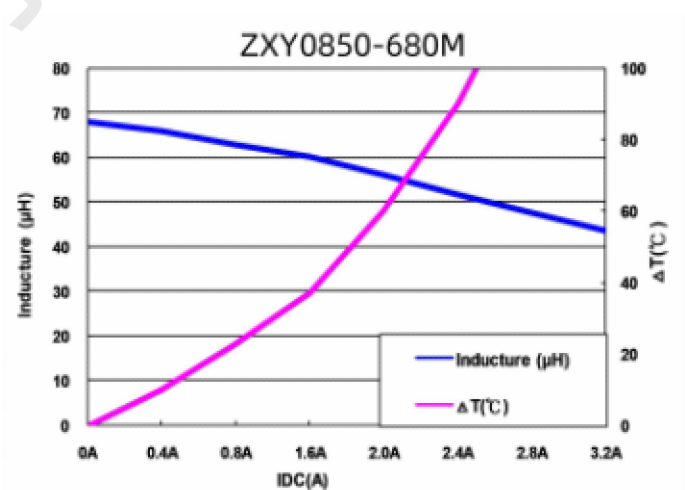
外部尺寸 External Dimensions Unit:mm



	A	B	C (Max)	D	E
ZXY0850	8.0 ± 0.5	9.0 ± 0.5	5.0	3.0± 0.5	1.5± 0.5

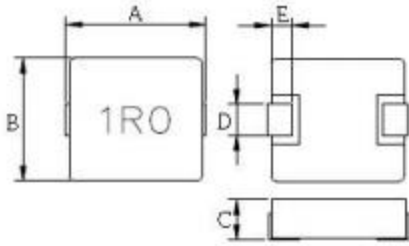
电气特性 Electrical Characteristic

PART NUMBER	INDUCTANCE Lo (μH) ±20% @0A	DCR (m Ω)		HEAT RATING CURRENT (Idc) DC AMPS ₁	SATURATION CURRENT (Isat) DC AMPS ₂
		Typ.	Max		
ZXY0850-R22M	0.22	0.82	0.9	32	40
ZXY0850-4R7M	4.7	14	16	6	8
ZXY0850-100M	10	31.53	40	5	7
ZXY0850-150M	15	62	75	4	6
ZXY0850-220M	22	104	120	3.5	5
ZXY0850-330M	33	117	150	3	4
ZXY0850-470M	47	184	220	2	3.2
ZXY0850-560M	56	206	235	1.8	2.8
ZXY0850-680M	68	224	280	1.6	2.5



ZXY1030 系 SPECIFICATION

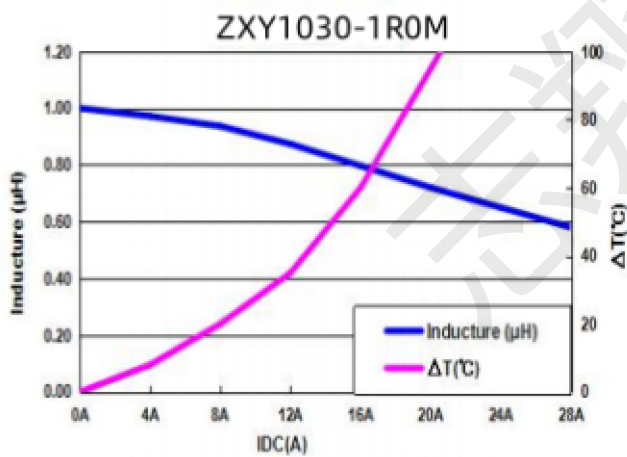
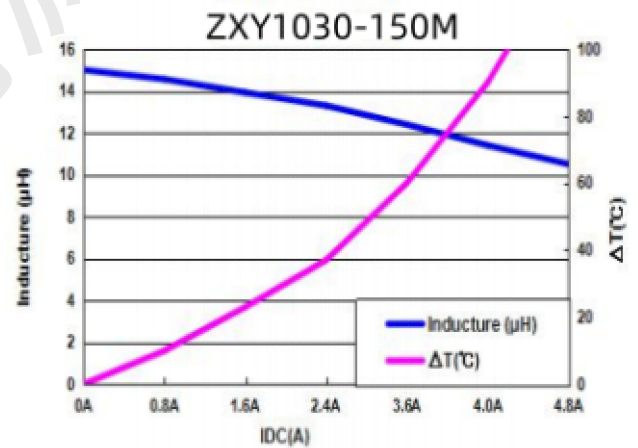
外部尺寸 External Dimensions Unit:mm



Part No.	A (Max)	B (Max)	C (Max)	D	E
ZXY1030	11.8	10.8	3.0	3.0±0.5	2.0±0.5

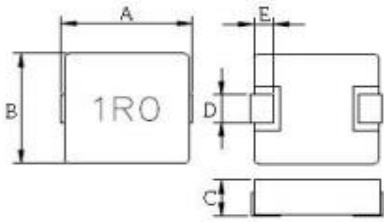
电气特性 Electrical Characteristic

PART NUMBER	INDUCTANCE	DCR (m Ω)		HEAT RATING	SATURATION
	Lo (μ H) ±20%	Typ.	Max	CURRENT (Idc)	CURRENT (Isat)
	@0A			DC AMPS ₁	DC AMPS ₂
ZXY1030-1R0M	1.0	5.1	7.0	13	18
ZXY1030-1R5M	1.5	7.3	9	10	16
ZXY1030-2R2M	2.2	10	12	9	14
ZXY1030-4R7M	4.7	20.7	25	6	8.5
ZXY1030-8R2M	8.2	47	55	4	6
ZXY1030-100M	10	49	56	4	5
ZXY1030-150M	15	63.6	65	3.5	4



ZXY1040 系 SPECIFICATION

外部尺寸 External Dimensions Unit:mm

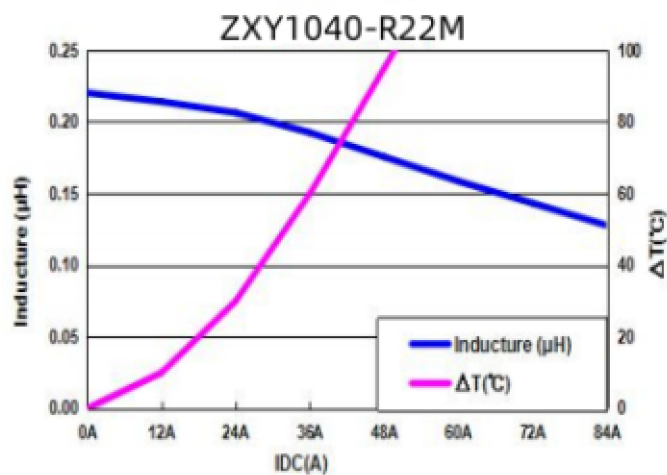
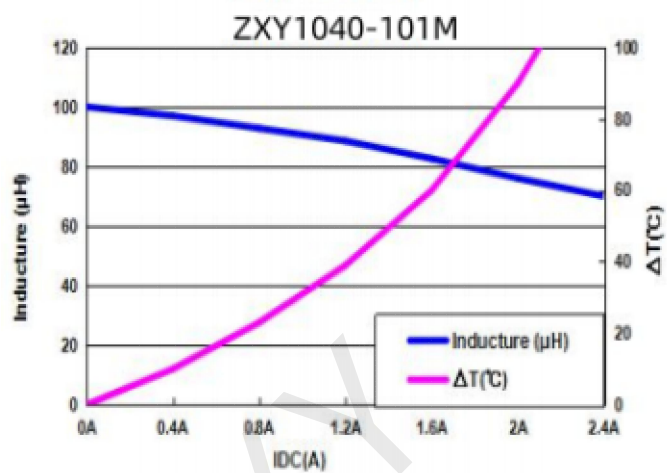


Part No.	A (Max)	B (Max)	C (Max)	D	E
ZXY1040	11.8	10.8	4.0	3.0± 0.5	2.0± 0.5

电气特性 Electrical Characteristic

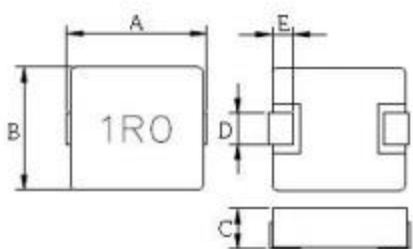
PART NUMBER	INDUCTANCE	DCR (m Ω)		HEAT RATING	SATURATION
	Lo (μ H) ±20%	Typ.	Max	CURRENT (Idc)	CURRENT (Isat)
	@0A			DC AMPS ₁	DC AMPS ₂
ZXY1040-R22M	0.22	0.7	1.1	30	60
ZXY1040-R33M	0.33	1.1	1.4	30	50
ZXY1040-R36M	0.36	1.1	1.4	30	50
ZXY1040-R47M	0.47	1.2	1.8	26	38
ZXY1040-R56M	0.56	1.5	1.8	23	33
ZXY1040-R68M	0.68	2.0	3.0	23	32
ZXY1040-R90M	0.9	2.2	3.0	21	30
ZXY1040-1R0M	1.0	3.58	4.1	18	28
ZXY1040-1R5M	1.5	4.8	5.8	16	27
ZXY1040-2R2M	2.2	7	9	12	25
ZXY1040-3R3M	3.3	10.3	13.5	10	16
ZXY1040-3R9M	3.9	13.7	16	10	16
ZXY1040-4R7M	4.7	13.7	16.5	8	14
ZXY1040-5R6M	5.6	18.2	25	8	13
ZXY1040-6R8M	6.8	23.5	28	7	12
ZXY1040-8R2M	8.2	25	30	6	9
ZXY1040-100M	10.0	31	36.5	5	9
ZXY1040-120M	12	42	48	5	8
ZXY1040-150M	15.0	42	48	4	7
ZXY1040-220M	22.0	55	60	3.5	6

ZXY1040-330M	33.0	127	145	3	4.5
ZXY1040-470M	47.0	128	145	3	3
ZXY1040-680M	68.0	205	220	2	3.5
ZXY1040-101M	100	243	270	1	2



ZXY1050 系 SPECIFICATION

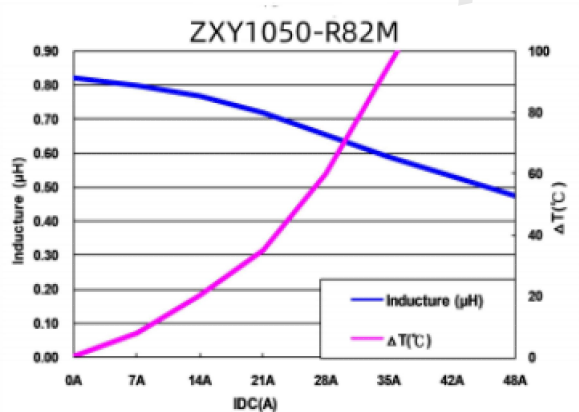
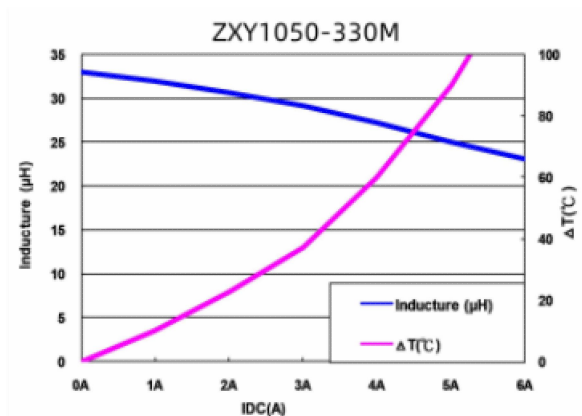
外部尺寸 External Dimensions Unit:mm



Part No.	A (Max)	B (Max)	C (Max)	D	E
ZXY1050	11.8	10.8	5.0	3.0± 0.5	2.0± 0.5

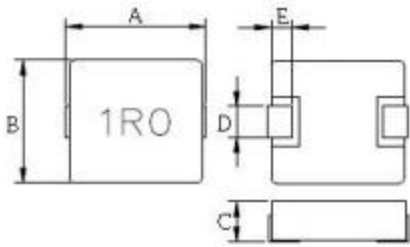
电气特性 Electrical Characteristic

PART NUMBER	INDUCTANCE Lo (μ H) $\pm$ 20% @0A	DCR (m Ω)		HEAT RATING CURRENT (Idc) DC AMPS ₁	SATURATION CURRENT (Isat) DC AMPS ₂
		Typ.	Max		
ZXY1050-R82M	0.82	1.8	2.5	16	32
ZXY1050-1R0M	1.0	3	4	15	30
ZXY1050-1R8M	1.8	4.5	6	15	27.5
ZXY1050-2R2M	2.2	6	8	14	27
ZXY1050-3R3M	3.3	7.5	11	10	19
ZXY1050-4R7M	4.7	14	17	9	14
ZXY1050-6R8M	6.8	17.5	22	8	10
ZXY1050-100M	10	31	38	6.8	10
ZXY1050-150M	15	39	45	6	10
ZXY1050-220M	22	52	60	5	7
ZXY1050-330M	33	127	145	3.5	6



ZXY1060 系 SPECIFICATION

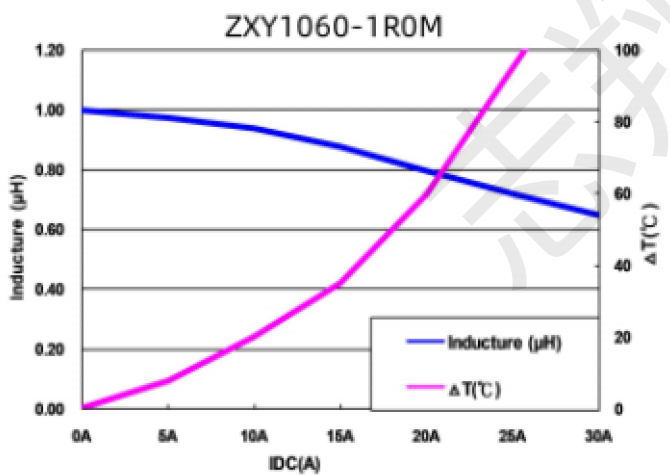
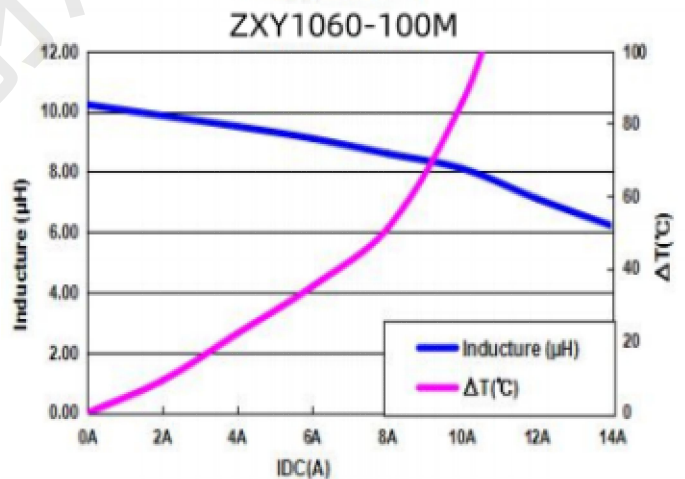
外部尺寸 External Dimensions Unit:mm



Part No.	A (Max)	B (Max)	C (Max)	D	E
ZXY1060	11.8	10.8	6.0	3.0±0.5	2.0±0.5

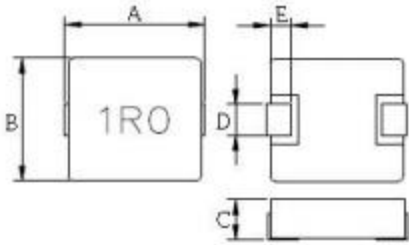
电气特性 Electrical Characteristic

PART NUMBER	INDUCTANCE Lo(μ H) $\pm$ 20% @0A	DCR (m Ω)		HEAT RATING CURRENT (Idc) DC AMPS ₁	SATURATION CURRENT (Isat) DC AMPS ₂
		Typ.	Max		
ZXY1060-1R0M	1.0	2.3	3	16	27
ZXY1060-1R5M	1.5	4	5	15	25
ZXY1060-2R2M	2.2	5.1	7	14	20
ZXY1060-3R3M	3.3	7	9	13	19
ZXY1060-4R7M	4.7	14	17	9	15
ZXY1060-6R8M	6.8	18	24	8	13
ZXY1060-100M	10	28	35	7	11



ZXY1235 系 SPECIFICATION

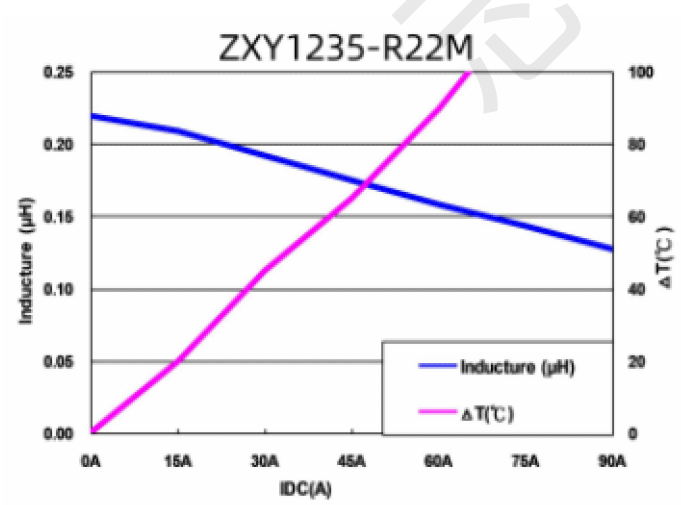
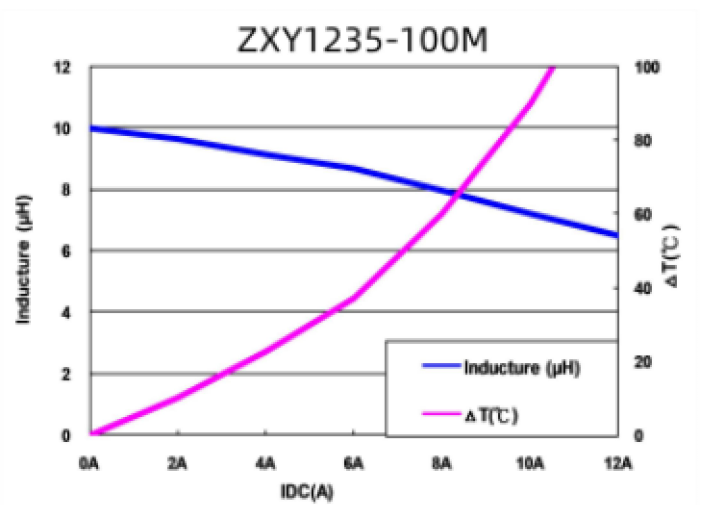
外部尺寸 External Dimensions Unit:mm



Part No.	A (Max)	B (Max)	C (Max)	D	E
ZXY1235	14.5	13.5	3.5	3.5±0.5	2.5±0.5

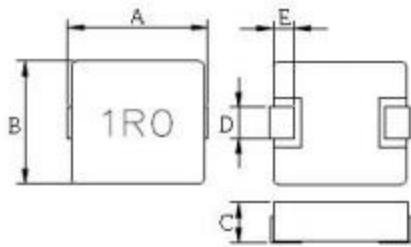
电气特性 Electrical Characteristic

PART NUMBER	INDUCTANCE Lo (μH) ±20% @0A	DCR (mΩ)		HEAT RATING CURRENT (Idc) DC AMPS ₁	SATURATION CURRENT (Isat) DC AMPS ₂
		Typ.	Max		
ZXY1235-R22M	0.22	0.85	1.3	25	65
ZXY1235-R68M	0.68	2.1	2.5	20	49
ZXY1235-R47M	0.47	1.17	1.7	18	35
ZXY1235-1R0M	1.0	3.3	3.5	15	26
ZXY1235-1R5M	1.5	4.3	5.0	15	24
ZXY1235-2R2M	2.2	7	8	14	20
ZXY1235-3R3M	3.3	10	12	12	16
ZXY1235-4R7M	4.7	14	15	10	14
ZXY1235-6R8M	6.8	21	25	8	12
ZXY1235-100M	10	28	35	6	10



ZXY1240 系 SPECIFICATION

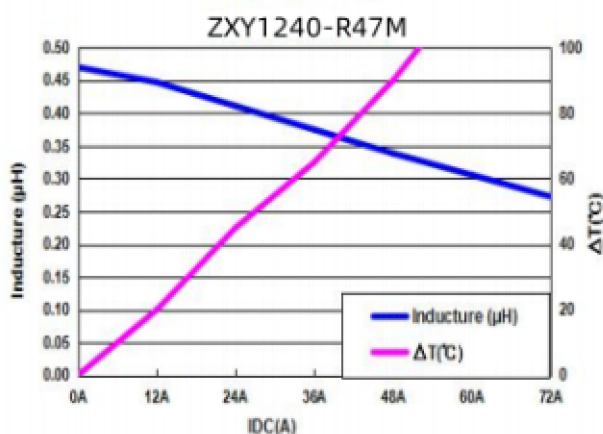
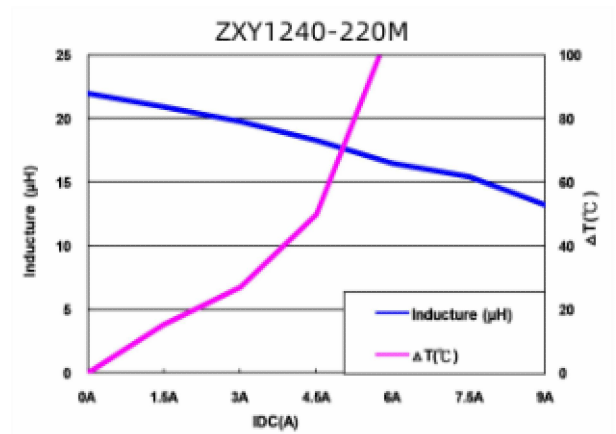
外部尺寸 External Dimensions Unit:mm



Part No.	A (Max)	B (Max)	C (Max)	D	E
ZXY1240	14.5	13.5	4.0	3.5 ± 0.5	2.5 ± 0.5

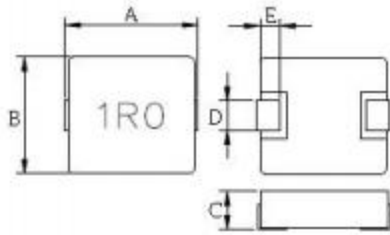
电气特性 Electrical Characteristic

PART NUMBER	INDUCTANCE Lo (μH) ±20% @0A	DCR (m Ω)		HEAT RATING CURRENT (Idc) DC AMPS ₁	SATURATION CURRENT (Isat) DC AMPS ₂
		Typ.	Max		
ZXY1240-R47M	0.47	1.5	2.0	23	55
ZXY1240-R60M	0.6	2	3	22	40
ZXY1240-1R0M	1.0	2.7	3.5	19	38
ZXY1240-1R5M	1.5	3.26	4.5	16	30
ZXY1240-1R8M	1.8	6.4	8.3	16	26
ZXY1240-2R2M	2.2	6.3	9.5	15	22
ZXY1240-3R3M	3.3	8.7	10	14	20
ZXY1240-4R7M	4.7	12	14	9	15
ZXY1240-5R6M	5.6	15	17	8	14
ZXY1240-6R8M	6.8	17	24	7	12
ZXY1240-8R2M	8.2	24.4	28	7	12
ZXY1240-100M	10	28	35	6	10
ZXY1240-150M	15	55.03	60	5	9
ZXY1240-220M	22	69.3	80	4	7



ZXY1250 系 SPECIFICATION

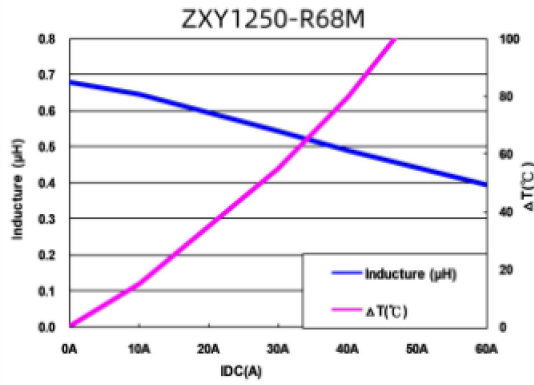
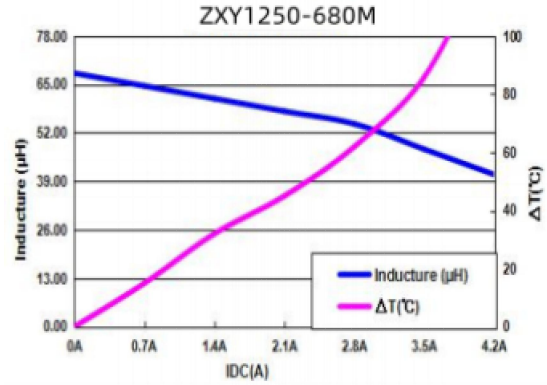
外部尺寸 External Dimensions Unit:mm



Part No.	A (Max)	B (Max)	C (Max)	D	E
ZXY1250	14.5	13.5	5.0	3.5 ± 0.5	2.5 ± 0.5

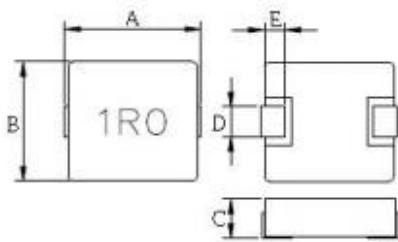
电气特性 Electrical Characteristic

PART NUMBER	INDUCTANCE	DCR (m Ω)		HEAT RATING	SATURATION
	Lo(μH) ±20%	Typ.	Max	CURRENT(Idc)	CURRENT(Isat)
	@0A			DC AMPS ₁	DC AMPS ₂
ZXY1250-R33M	0.33	0.74	1.0	32	60
ZXY1250-R36M	0.36	0.9	1.2	28	50
ZXY1250-R47M	0.47	1.04	1.3	25	48
ZXY1250-R56M	0.56	1.35	1.5	23	46
ZXY1250-R68M	0.68	1.3	1.5	20	40
ZXY1250-R82M	0.82	2.0	2.5	19	39
ZXY1250-1R0M	1.0	2.4	3.5	18	35
ZXY1250-1R5M	1.5	2.8	4.1	18	33
ZXY1250-1R8M	1.8	3.0	4.3	17	30
ZXY1250-2R2M	2.2	3.3	4.5	16	25
ZXY1250-3R3M	3.3	10.2	13	15	23
ZXY1250-4R7M	4.7	13.5	15	12	21
ZXY1250-5R6M	5.6	14.0	17	12	20
ZXY1250-6R8M	6.8	15.4	19	11	18
ZXY1250-8R2M	8.2	18.9	22.5	10	17
ZXY1250-100M	10.0	23	25.5	6	13
ZXY1250-150M	15.0	51	60	6	12
ZXY1250-220M	22.0	63	75	4	8
ZXY1250-330M	33.0	69	82	3	6
ZXY1250-470M	47.0	78	90	2.5	3.5
ZXY1250-560M	56.0	143	180	2	3.5
ZXY1250-680M	68.0	154	210	1.5	3.5



ZXY1260 系 SPECIFICATION

外部尺寸 External Dimensions Unit:mm

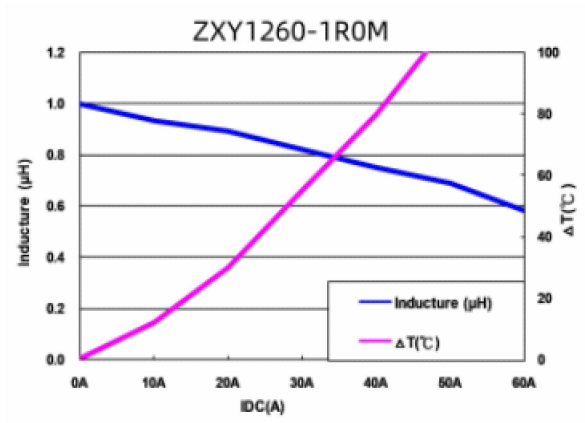
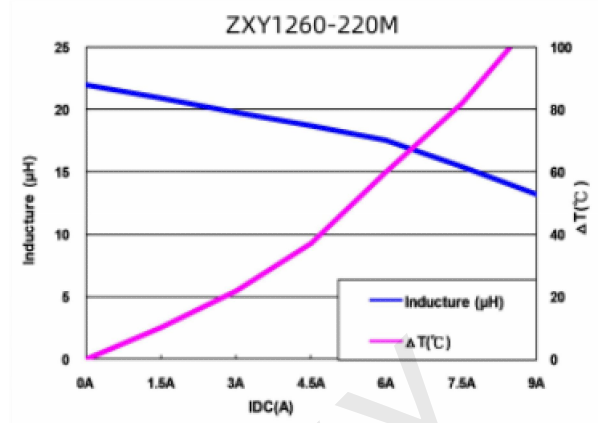


Part No.	A (Max)	B (Max)	C (Max)	D	E
ZXY1260	14.5	13.5	6.0	3.5±0.5	2.5±0.5

电气特性 Electrical Characteristic

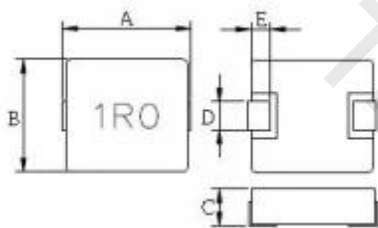
PART NUMBER	INDUCTANCE Lo (μ H) ±20% @0A	DCR (m Ω)		HEAT RATING CURRENT (Idc) DC AMPS ₁	SATURATION CURRENT (Isat) DC AMPS ₂
		Typ.	Max		
ZXY1260-R33M	0.33	1.3	2.3	46	55
ZXY1260-R68M	0.68	1.5	2.8	35	45
ZXY1260-1R0M	1.0	1.8	3.5	21	40
ZXY1260-1R5M	1.5	2.4	4	21	35
ZXY1260-2R2M	2.2	3.3	4.5	20	32
ZXY1260-3R3M	3.3	6.4	8.2	15	30
ZXY1260-4R7M	4.7	10	13.5	12	25
ZXY1260-5R6M	5.6	17	21	12	22
ZXY1260-6R8M	6.8	18	23	11	20

ZXY1260-100M	10	22	30	10	12.5
ZXY1260-150M	15	30	38	6	10
ZXY1260-220M	22	38	45	5	7.5



ZXY1265 系 SPECIFICATION

外部尺寸 External Dimensions Unit:mm

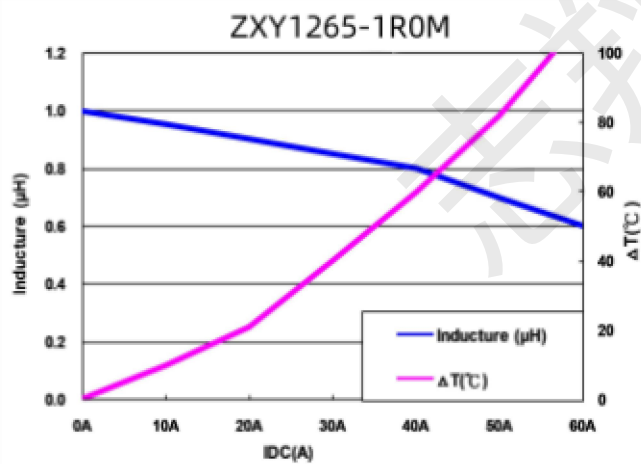
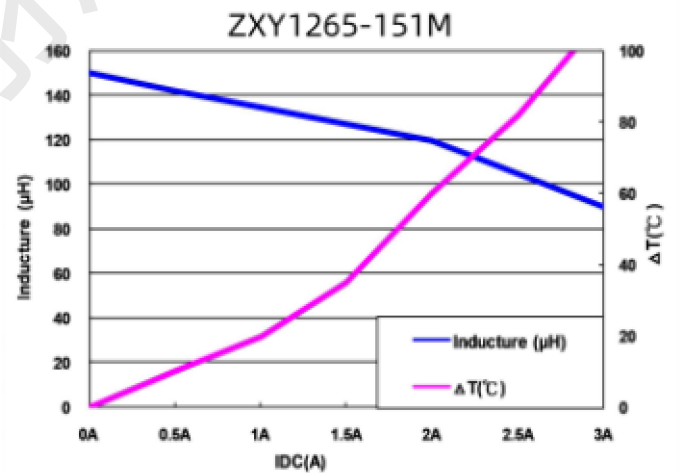


Part No.	A (Max)	B (Max)	C (Max)	D	E
ZXY1265	14.5	13.5	6.5	3.5 ± 0.5	2.5 ± 0.5

电气特性 Electrical Characteristic

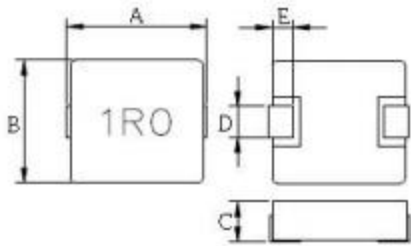
PART NUMBER	INDUCTANCE	DCR (m Ω)		HEAT RATING	SATURATION
	Lo (μ H) ±20%	Typ.	Max	CURRENT (Idc)	CURRENT (Isat)
	@0A			DC AMPS ₁	DC AMPS ₂
ZXY1265-R22M	0.22	0.60	0.81	50	80
ZXY1265-R56M	0.56	1.2	1.7	30	60

ZXY1265-R68M	0.68	1.3	1.8	28	54
ZXY1265-R82M	0.82	1.6	2.0	25	50
ZXY1265-1R0M	1.0	1.7	2.5	25	49
ZXY1265-1R5M	1.5	1.9	3.5	22	45
ZXY1265-2R2M	2.2	3.5	4.5	18	40
ZXY1265-3R3M	3.3	5.5	8.2	16	28
ZXY1265-4R7M	4.7	11	14	14	22.5
ZXY1265-5R6M	5.6	12	15	12	20
ZXY1265-6R8M	6.8	10	13	11.5	18
ZXY1265-8R2M	8.2	17	25	10	16
ZXY1265-100M	10.0	16	25	10	15.5
ZXY1265-150M	15.0	31	38	6	9
ZXY1265-220M	22.0	42	48	5	7.5
ZXY1265-330M	33.0	61	66	4	6.5
ZXY1265-470M	47.0	80	90	3.5	5
ZXY1265-560M	56.0	90	110	3	4
ZXY1265-680M	68.0	92	123	2.5	3.5
ZXY1265-121M	120.0	200	260	1.8	3
ZXY1265-151M	150.0	246	298	1.6	2.5



ZXY1770 系 SPECIFICATION

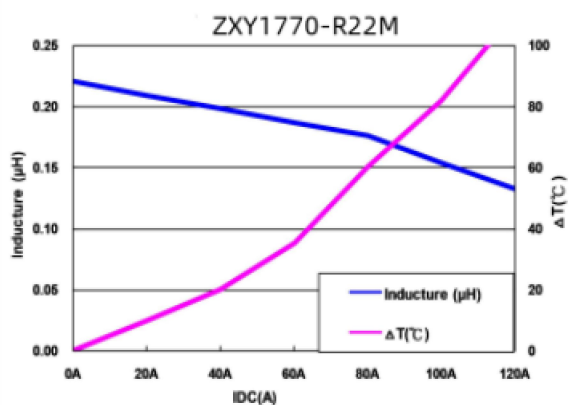
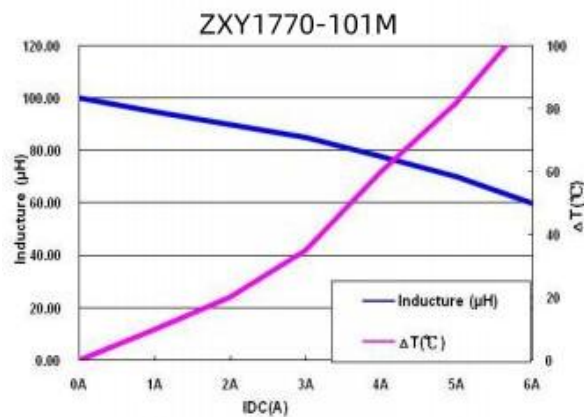
外部尺寸 External Dimensions Unit:mm



Part No.	A (Max)	B (Max)	C (Max)	D	E
ZXY1770	19.0	17.5	7.0	11.7± 0.3	3.3± 0.5

电气特性 Electrical Characteristic

PART NUMBER	INDUCTANCE	DCR (m Ω)		HEAT RATING	SATURATION
	Lo (μ H) ±20%	Typ.	Max	CURRENT (Idc)	CURRENT (Isat)
	@0A			DC AMPS1	DC AMPS2
ZXY1770-R22M	0.22	0.55	0.70	60	100
ZXY1770-R33M	0.33	0.7	0.8	55	90
ZXY1770-R47M	0.47	0.8	1.0	50	80
ZXY1770-R56M	0.56	0.9	1.15	46	70
ZXY1770-R82M	0.82	1.17	1.3	42	60
ZXY1770-1R0M	1.0	1.45	1.7	38	50
ZXY1770-1R5M	1.5	1.8	2.15	35	45
ZXY1770-2R2M	2.2	2.15	2.6	25	34
ZXY1770-3R3M	3.3	2.61	3.5	17	24
ZXY1770-4R7M	4.7	3.38	5	15	21
ZXY1770-6R8M	6.8	5.53	7.0	15	18
ZXY1770-8R2M	8.2	7	9	12	18
ZXY1770-100M	10	8	10	11	17
ZXY1770-150M	15	12	15	9	12
ZXY1770-220M	22	19.18	25	7	9.5
ZXY1770-330M	33	30.65	35	6.5	9
ZXY1770-470M	47	36.75	40	5.5	7.5
ZXY1770-680M	68	61	80	4	5
ZXY1770-820M	82	95.55	105	4	4.5
ZXY1770-101M	100	111	120	3	4



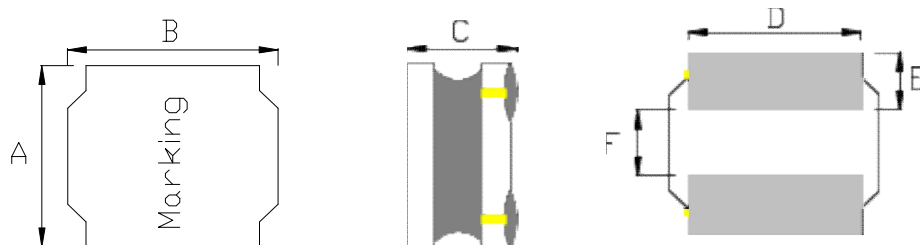
* 以上尺寸仅供参考，可以根据客户要求调整。

Reference value of the above dimensions, We can adjusted it according to your requirements.

--CR SMD Power Inductor

ZXYCR201610 系列

外部尺寸 External Dimensions Unit:mm



	A	B	C	D	E	F
ZXYCR201610	2.0 ± 0.2	1.6 ± 0.2	1.0Max	2.00	0.60	0.60

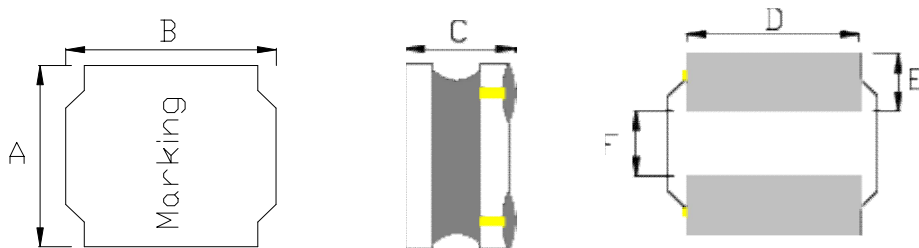
电气特性 Electrical Characteristics

ZXY Part Number	Inductance (μ H)	Tolerance ($\pm$ %)	DCR ($m\Omega$) MAX	Isat (A) MAX	Irise (A)) MAX	Test Condition	Marking
ZXYCR201610-R24MT	0.24	20	40	3.70	2.80	1MHz /1.0V	R24
ZXYCR201610-R33MT	0.33	20	48	3.00	2.40	1MHz /1.0V	R33
ZXYCR201610-R47MT	0.47	20	60	2.30	2.30	1MHz /1.0V	R47
ZXYCR201610-R68MT	0.68	20	76	1.95	2.00	1MHz /1.0V	R68
ZXYCR201610-1R0MT	1.0	20	114	1.65	1.45	1MHz /1.0V	1R0
ZXYCR201610-2R2MT	2.2	20	265	1.20	1.05	1MHz /1.0V	2R2
ZXYCR201610-4R7MT	4.7	20	480	0.75	0.70	1MHz /1.0V	4R7
ZXYCR201610-100MT	10.0	20	1000	0.65	0.50	1MHz /1.0V	100

1. Isat: DC current at which the inductance drops approximate 30% from its value without current;
2. Irms: DC current that causes the temperature rise ($\Delta T = 40^\circ\text{C}$) from 25°C ambient.
3. Operating Temperature : $-40^\circ\text{C} \sim +105^\circ\text{C}$

ZXYCR252010 系列

外部尺寸 External Dimensions Unit:mm



	A	B	C	D	E	F
ZXYCR252010	2.5 ± 0.2	2.0 ± 0.2	1.0Max	2.00	0.80	0.80

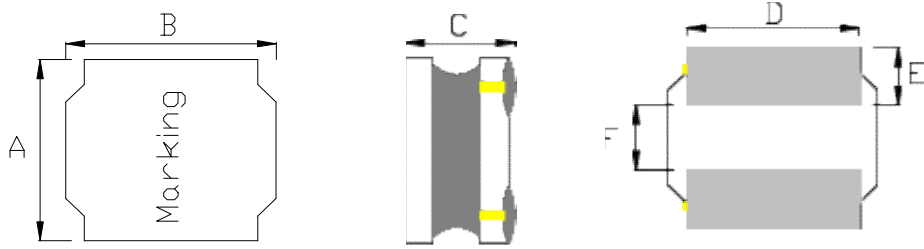
电气特性 Electrical Characteristics

ZXY Part Number	Inductance (μ H)	Tolerance ($\pm$ %)	DCR(Ω) MAX	Isat (A) MAX	Irise(A)) MAX	Test Condition	Marking
ZXYCR252010-R47N	0.47	30	0.056	2.35	2.15	100KHz /1.0V	R47
ZXYCR252010-R68N	0.68	30	0.074	2.00	1.82	100KHz /1.0V	R68
ZXYCR252010-1R0N	1.00	30	0.108	1.65	1.53	100KHz /1.0V	1R0
ZXYCR252010-2R2N	2.20	30	0.209	1.20	1.10	100KHz /1.0V	2R2
ZXYCR252010-3R3M	3.30	20	0.328	0.90	0.85	100KHz /1.0V	3R3
ZXYCR252010-4R7M	4.70	20	0.563	0.70	0.66	100KHz /1.0V	4R7
ZXYCR252010-6R8M	6.80	20	0.896	0.59	0.50	100KHz /1.0V	6R8
ZXYCR252010-100M	10.00	20	1.092	0.50	0.30	100KHz /1.0V	100

1. Isat: DC current at which the inductance drops approximate 30% from its value without current;
2. Irms: DC current that causes the temperature rise ($\Delta T=40^{\circ}\text{C}$) from 25°C ambient.
3. Operating Temperature : $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$

ZXYCR252012 系列

外部尺寸 External Dimensions Unit:mm



	A	B	C	D	E	F
ZXYCR252012	2.5 ± 0.2	2.0 ± 0.2	1.2Max	2.00	0.80	0.80

电气特性 Electrical Characteristics

ZXY Part Number	Inductance (μ H)	Tolerance ($\pm$ %)	DCR(Ω) MAX	Isat (A) MAX	Irise(A)) MAX	Test Condition	Marking
ZXYCR252012-R47N	0.47	30	0.061	2.15	1.95	100KHz /1.0V	R47
ZXYCR252012-R68N	0.68	30	0.074	1.95	1.87	100KHz /1.0V	R68
ZXYCR252012-1R0N	1.00	30	0.090	1.93	1.73	100KHz /1.0V	1R0
ZXYCR252012-2R2N	2.20	30	0.216	1.15	1.08	100KHz /1.0V	2R2
ZXYCR252012-3R3M	3.30	20	0.264	1.04	0.95	100KHz /1.0V	3R3
ZXYCR252012-4R7M	4.70	20	0.377	0.84	0.65	100KHz /1.0V	4R7
ZXYCR252012-5R6M	5.60	20	0.538	0.73	0.55	100KHz /1.0V	5R6
ZXYCR252012-6R8M	6.80	20	0.581	0.69	0.48	100KHz /1.0V	6R8
ZXYCR252012-8R2M	8.20	20	0.658	0.65	0.42	100KHz /1.0V	8R2
ZXYCR252012-100M	10.00	20	0.690	0.62	0.40	100KHz /1.0V	100
ZXYCR252012-120M	12.00	20	1.075	0.51	0.38	100KHz /1.0V	120
ZXYCR252012-150M	15.00	20	1.591	0.42	0.35	100KHz /1.0V	150
ZXYCR252012-220M	22.00	20	1.976	0.38	0.25	100KHz /1.0V	220

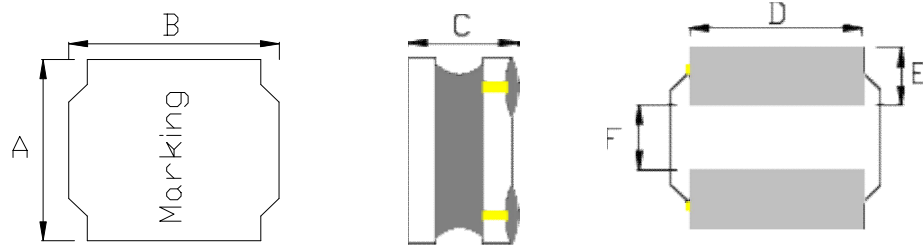
1. Isat: DC current at which the inductance drops approximate 30% from its value without current;

2. Irms: DC current that causes the temperature rise ($\Delta T=40^{\circ}\text{C}$) from 25°C ambient.

3. Operating Temperature : $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$

ZXYCR3010 系列

外部尺寸 External Dimensions Unit:mm



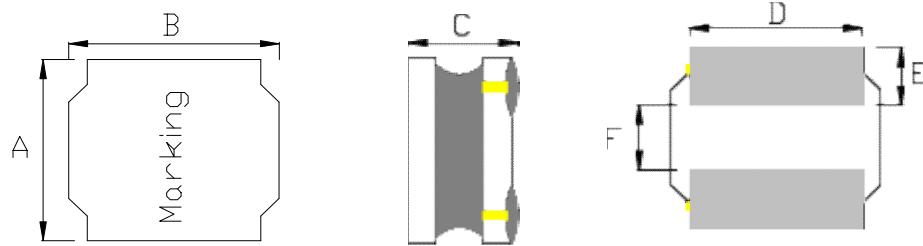
	A	B	C	D	E	F
ZXYCR3010	3.0 ± 0.2	3.0 ± 0.2	1.0Max	2.50	0.75	1.00

电气特性 Electrical Characteristics

ZXY Part Number	Inductance (uH)	Tolerance (±%)	DCR(Ω) 30%	Isat (A)	Iris (A)	Test Condition	Marking
ZXYCR3010-1R0N	1.0	30	0.065	1.40	1.20	100KHz /1.0V	1R0
ZXYCR3010-1R2N	1.2	30	0.065	1.25	1.12	100KHz /1.0V	1R2
ZXYCR3010-2R2N	2.2	30	0.110	1.15	1.10	100KHz /1.0V	2R2
ZXYCR3010-3R3N	3.3	30	0.145	0.97	0.81	100KHz /1.0V	3R3
ZXYCR3010-4R7M	4.7	20	0.225	0.75	0.65	100KHz /1.0V	4R7
ZXYCR3010-6R8M	6.8	20	0.305	0.55	0.52	100KHz /1.0V	6R8
ZXYCR3010-100M	10.0	20	0.400	0.55	0.50	100KHz /1.0V	100
ZXYCR3010-120M	12.0	20	0.505	0.43	0.40	100KHz /1.0V	120
ZXYCR3010-150M	15.0	20	0.610	0.42	0.30	100KHz /1.0V	150
ZXYCR3010-220M	22.0	20	0.930	0.35	0.29	100KHz /1.0V	220
ZXYCR3010-270M	27.0	20	1.080	0.30	0.25	100KHz /1.0V	270
ZXYCR3010-330M	33.0	20	1.550	0.29	0.22	100KHz /1.0V	330
ZXYCR3010-390M	39.0	20	1.750	0.28	0.20	100KHz /1.0V	390
ZXYCR3010-430M	43.0	20	1.800	0.23	0.18	100KHz /1.0V	430
ZXYCR3010-470M	47.0	20	1.950	0.22	0.18	100KHz /1.0V	470
ZXYCR3010-510M	51.0	20	2.200	0.21	0.15	100KHz /1.0V	510
ZXYCR3010-560M	56.0	20	2.320	0.21	0.16	100KHz /1.0V	560

ZXYCR3012 系列

外部尺寸 External Dimensions Unit:mm



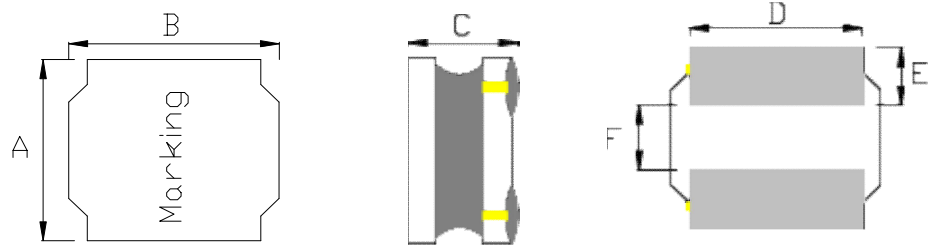
	A	B	C	D	E	F
ZXYCR3012	3.0 ± 0.2	3.0 ± 0.2	1.2Max	2.50	0.75	1.20

电气特性 Electrical Characteristics

ZXY Part Number	Inductance (uH)	Tolerance (±%)	DCR(Ω) 30%	Isat (A)	Iris e (A)	Test Condition	Marking
ZXYCR3012-R82N	0.82	30	0.030	2.05	1.95	100KHz /1.0V	R82
ZXYCR3012-1R0N	1.0	30	0.040	1.87	1.80	100KHz /1.0V	1R0
ZXYCR3012-2R2N	2.2	30	0.075	1.20	1.12	100KHz /1.0V	2R2
ZXYCR3012-3R3N	3.3	30	0.100	1.05	0.98	100KHz /1.0V	3R3
ZXYCR3012-4R7M	4.7	20	0.120	0.90	0.85	100KHz /1.0V	4R7
ZXYCR3012-6R8M	6.8	20	0.190	0.75	0.70	100KHz /1.0V	6R8
ZXYCR3012-100M	10.0	20	0.265	0.60	0.55	100KHz /1.0V	100
ZXYCR3012-120M	12.0	20	0.345	0.48	0.42	100KHz /1.0V	120
ZXYCR3012-150M	15.0	20	0.360	0.45	0.40	100KHz /1.0V	150
ZXYCR3012-180M	18.0	20	0.545	0.43	0.40	100KHz /1.0V	180
ZXYCR3012-220M	22.0	20	0.645	0.42	0.38	100KHz /1.0V	220
ZXYCR3012-270M	27.0	20	0.870	0.35	0.30	100KHz /1.0V	270
ZXYCR3012-330M	33.0	20	0.875	0.36	0.25	100KHz /1.0V	330
ZXYCR3012-390M	39.0	20	1.330	0.30	0.20	100KHz /1.0V	390
ZXYCR3012-470M	47.0	20	1.450	0.27	0.20	100KHz /1.0V	470
ZXYCR3012-680M	68.0	20	1.670	0.24	0.20	100KHz /1.0V	680
ZXYCR3012-820M	82.0	20	2.540	0.17	0.15	100KHz /1.0V	820
ZXYCR3012-101M	100.0	20	2.86	0.21	0.15	100KHz /1.0V	101

ZXYCR3015 系列

外部尺寸 External Dimensions Unit:mm



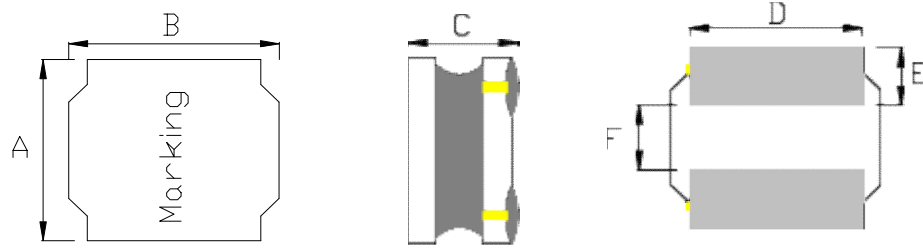
	A	B	C	D	E	F
ZXYCR3015	3.0 ± 0.2	3.0 ± 0.2	1.5Max	2.70	0.75	1.50

电气特性 Electrical Characteristics

ZXY Part Number	Inductance (uH)	Tolerance (±%)	DCR(Ω) 30%	Isat (A)	Iris e (A)	Test Condition	Marking
ZXYCR3015-1R0N	1.0	30	0.030	2.35	2.16	100KHz /1.0V	1R0
ZXYCR3015-2R2N	2.2	30	0.060	1.60	1.35	100KHz /1.0V	2R2
ZXYCR3015-3R3M	3.3	30	0.080	1.36	1.14	100KHz /1.0V	3R3
ZXYCR3015-4R7M	4.7	20	0.125	1.09	0.88	100KHz /1.0V	4R7
ZXYCR3015-6R8M	6.8	20	0.200	0.85	0.65	100KHz /1.0V	6R8
ZXYCR3015-100M	10.0	20	0.250	0.77	0.60	100KHz /1.0V	100
ZXYCR3015-120M	12.0	20	0.320	0.68	0.58	100KHz /1.0V	120
ZXYCR3015-220M	22.0	20	0.460	0.57	0.40	100KHz /1.0V	220
ZXYCR3015-330M	33.0	20	0.820	0.43	0.30	100KHz /1.0V	330
ZXYCR3015-470M	47.0	20	1.250	0.35	0.25	100KHz /1.0V	470
ZXYCR3015-680M	68.0	20	2.700	0.23	0.20	100KHz /1.0V	680
ZXYCR3015-101M	100.0	20	3.110	0.21	0.18	100KHz /1.0V	101
ZXYCR3015-151M	150.0	20	3.800	0.19	0.15	100KHz /1.0V	151

ZXYCR4010 系列

外部尺寸 External Dimensions Unit:mm



	A	B	C	D	E	F
ZXYCR4010	4.0 ± 0.2	4.0 ± 0.2	1.0Max	3.30	1.00	1.60

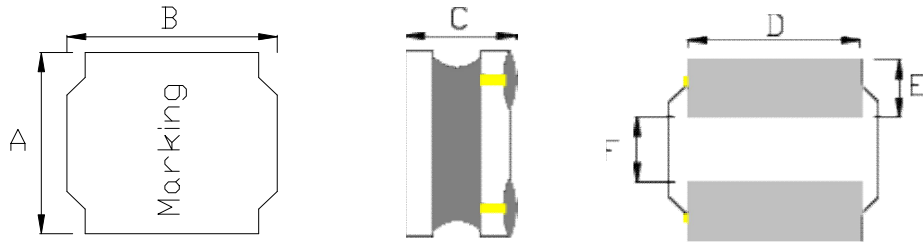
电气特性 Electrical Characteristics

ZXY Part Number	Inductance (μ H)	Tolerance ($\pm$ %)	DCR (Ω) 30%	Isat (A)	Irise (A)	Test Condition	Marking
ZXYCR4010-1R0N	1.0	30	0.056	2.00	1.90	100KHz /1.0V	1R0
ZXYCR4010-2R2N	2.2	30	0.850	1.20	1.50	100KHz /1.0V	2R2
ZXYCR4010-3R3M	3.3	20	0.100	1.10	1.40	100KHz /1.0V	3R3
ZXYCR4010-4R7M	4.7	20	0.140	0.95	1.20	100KHz /1.0V	4R7
ZXYCR4010-6R8M	6.8	20	0.200	0.80	1.00	100KHz /1.0V	6R8
ZXYCR4010-100M	10.0	20	0.300	0.62	0.75	100KHz /1.0V	100
ZXYCR4010-150M	15.0	20	0.430	0.54	0.60	100KHz /1.0V	150
ZXYCR4010-220M	22.0	20	0.570	0.45	0.50	100KHz /1.0V	220

1. Isat: DC current at which the inductance drops approximate 30% from its value without current;
2. Irms: DC current that causes the temperature rise ($\Delta T = 40^\circ\text{C}$) from 25°C ambient.
3. Operating Temperature : $-40^\circ\text{C} \sim +105^\circ\text{C}$

ZXYCR4012 系列

外部尺寸 External Dimensions Unit:mm



	A	B	C	D	E	F
ZXYCR4012	4.0 ± 0.2	4.0 ± 0.2	1.2Max	3.30	1.20	1.60

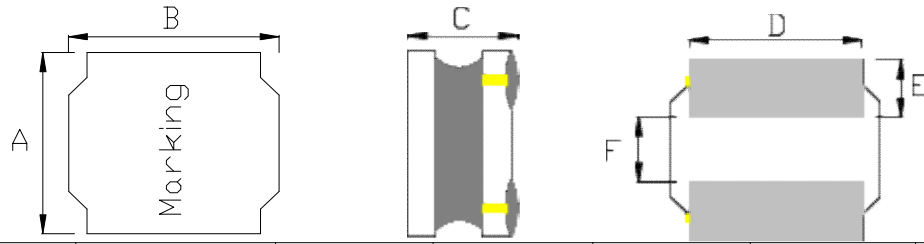
电气特性 Electrical Characteristics

ZXY Part Number	Inductance (uH)	Tolerance (±%)	DCR(Ω) 30%	Isat (A)	Iris e (A)	Test Condition	Marking
ZXYCR4012-1R0N	1.0	30	0.050	1.65	1.23	100KHz /1.0V	1R0
ZXYCR4012-2R2N	2.2	30	0.080	1.32	1.05	100KHz /1.0V	2R2
ZXYCR4012-3R3N	3.3	30	0.110	1.12	0.98	100KHz /1.0V	3R3
ZXYCR4012-4R7M	4.7	20	0.125	1.05	0.90	100KHz /1.0V	4R7
ZXYCR4012-6R8M	6.8	20	0.198	0.84	0.77	100KHz /1.0V	6R8
ZXYCR4012-100M	10.0	20	0.265	0.77	0.62	100KHz /1.0V	100
ZXYCR4012-220M	22.0	20	0.587	0.49	0.42	100KHz /1.0V	220
ZXYCR4012-330M	33.0	20	0.810	0.42	0.32	100KHz /1.0V	330
ZXYCR4012-470M	47.0	20	1.100	0.37	0.25	100KHz /1.0V	470
ZXYCR4012-680M	68.0	20	1.950	0.27	0.18	100KHz /1.0V	680
ZXYCR4012-820M	82.0	20	2.140	0.26	0.15	100KHz /1.0V	820
ZXYCR4012-101M	100.0	20	2.210	0.25	0.15	100KHz /1.0V	101

1. Isat: DC current at which the inductance drops approximate 30% from its value without current;
2. Irms: DC current that causes the temperature rise ($\Delta T = 40^\circ\text{C}$) from 25°C ambient.
3. Operating Temperature : $-40^\circ\text{C} \sim +105^\circ\text{C}$

ZXYCR4018 系列

外部尺寸 External Dimensions Unit:mm



	A	B	C	D	E	F
ZXYCR4018	4.0 ± 0.2	4.0 ± 0.2	1.8Max	3.30	1.20	1.60

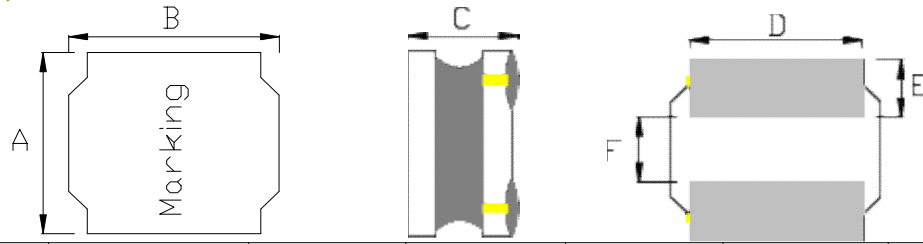
电气特性 Electrical Characteristics

ZXY Part Number	Inductance (μ H)	Tolerance ($\pm\%$)	DCR(Ω) 30%	Isat (A)	Irise (A)	Test Condition	Marking
ZXYCR4018-1R0N	1.0	30	0.025	2.00	1.73	100KHz /1.0V	1R0
ZXYCR4018-2R2N	2.2	30	0.045	1.65	1.55	100KHz /1.0V	2R2
ZXYCR4018-3R3M	3.3	20	0.070	1.23	1.20	100KHz /1.0V	3R3
ZXYCR4018-4R7M	4.7	20	0.090	1.20	1.15	100KHz /1.0V	4R7
ZXYCR4018-6R8M	6.8	20	0.110	1.06	1.00	100KHz /1.0V	6R8
ZXYCR4018-100M	10.0	20	0.180	0.84	0.80	100KHz /1.0V	100
ZXYCR4018-150M	15.0	20	0.250	0.65	0.60	100KHz /1.0V	150
ZXYCR4018-220M	22.0	20	0.360	0.59	0.50	100KHz /1.0V	220
ZXYCR4018-330M	33.0	20	0.530	0.49	0.42	100KHz /1.0V	330
ZXYCR4018-470M	47.0	20	0.650	0.42	0.40	100KHz /1.0V	470
ZXYCR4018-680M	68.0	20	1.000	0.32	0.30	100KHz /1.0V	680
ZXYCR4018-101M	100.0	20	1.750	0.25	0.25	100KHz /1.0V	101
ZXYCR4018-151M	150.0	20	2.500	0.22	0.20	100KHz /1.0V	151
ZXYCR4018-221M	220.0	20	4.000	0.17	0.15	100KHz /1.0V	221

1. Isat: DC current at which the inductance drops approximate 30% from its value without current;
2. Irms: DC current that causes the temperature rise ($\Delta T=40^{\circ}\text{C}$) from 25°C ambient.
3. Operating Temperature : $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$

ZXYCR4020 系列

外部尺寸 External Dimensions Unit:mm



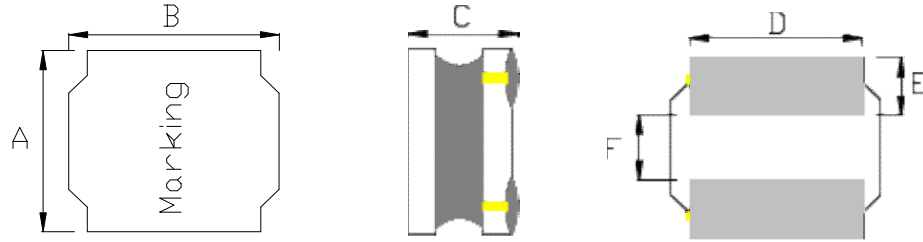
	A	B	C	D	E	F
ZXYCR4020	4.0 ± 0.2	4.0 ± 0.2	2.0Max	3.30	1.20	1.60

电气特性 Electrical Characteristics

ZXY Part Number	Inductance (μ H)	Tolerance ($\pm\%$)	DCR (Ω) 30%	Isat (A)	Irise (A)	Test Condition	Marking
ZXYCR4020-1R0N	1.0	30	0.029	2.15	2.01	100KHz /1.0V	1R0
ZXYCR4020-2R2N	2.2	30	0.040	1.85	1.75	100KHz /1.0V	2R2
ZXYCR4020-3R3M	3.3	20	0.070	1.40	1.30	100KHz /1.0V	3R3
ZXYCR4020-4R7M	4.7	20	0.075	1.34	1.15	100KHz /1.0V	4R7
ZXYCR4020-5R6M	5.6	20	0.090	1.22	1.02	100KHz /1.0V	5R6
ZXYCR4020-6R8M	6.8	20	0.125	1.04	0.93	100KHz /1.0V	6R8
ZXYCR4020-8R2M	8.2	20	0.125	1.04	0.86	100KHz /1.0V	8R2
ZXYCR4020-100M	10.0	20	0.165	0.90	0.82	100KHz /1.0V	100
ZXYCR4020-120M	12.0	20	0.175	0.88	0.75	100KHz /1.0V	120
ZXYCR4020-150M	15.0	20	0.230	0.77	0.69	100KHz /1.0V	150
ZXYCR4020-220M	22.0	20	0.350	0.62	0.60	100KHz /1.0V	220
ZXYCR4020-270M	27.0	20	0.545	0.50	0.43	100KHz /1.0V	270
ZXYCR4020-330M	33.0	20	0.550	0.49	0.40	100KHz /1.0V	330
ZXYCR4020-390M	39.0	20	0.650	0.46	0.38	100KHz /1.0V	390
ZXYCR4020-470M	47.0	20	0.710	0.44	0.31	100KHz /1.0V	470
ZXYCR4020-560M	56.0	20	0.800	0.41	0.19	100KHz /1.0V	560
ZXYCR4020-680M	68.0	20	1.060	0.36	0.15	100KHz /1.0V	680
ZXYCR4020-820M	82.0	20	1.170	0.34	0.15	100KHz /1.0V	820
ZXYCR4020-101M	100.0	20	1.550	0.31	0.15	100KHz /1.0V	101

ZXYCR 5020 系列

外部尺寸 External Dimensions Unit:mm



	A	B	C	D	E	F
ZXYCR5020	5.0 ± 0.2	5.0 ± 0.2	2.0Max	4.20	1.50	2.00

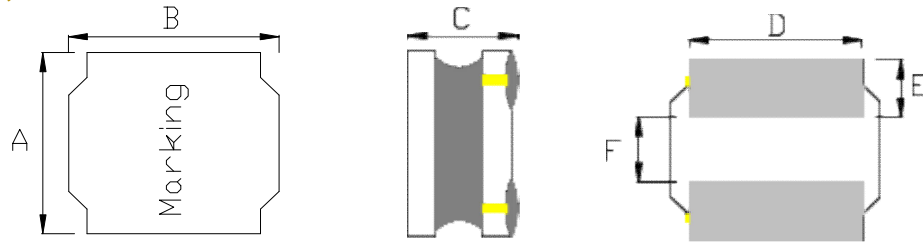
电气特性 Electrical Characteristics

ZXY Part Number	Inductance (μ H)	Tolerance ($\pm$ %)	DCR(Ω) 30%	Isat (A)	Irise (A)	Test Condition	Marking
ZXYCR5020-R47N	0.47	30	0.013	4.60	3.85	100KHz /1.0V	R47
ZXYCR5020-1R0N	1.0	30	0.020	3.80	3.50	100KHz /1.0V	1R0
ZXYCR5020-2R2N	2.2	30	0.032	2.90	2.65	100KHz /1.0V	2R2
ZXYCR5020-3R3N	3.3	30	0.043	2.50	2.18	100KHz /1.0V	3R3
ZXYCR5020-4R7M	4.7	20	0.057	2.20	1.79	100KHz /1.0V	4R7
ZXYCR5020-5R6M	5.6	20	0.064	2.05	1.50	100KHz /1.0V	5R6
ZXYCR5020-6R8M	6.8	20	0.083	1.80	1.46	100KHz /1.0V	6R8
ZXYCR5020-8R2M	8.2	20	0.098	1.65	1.26	100KHz /1.0V	8R2
ZXYCR5020-100M	10.0	20	0.110	1.55	1.20	100KHz /1.0V	100
ZXYCR5020-220M	22.0	20	0.226	1.10	0.70	100KHz /1.0V	220
ZXYCR5020-330M	33.0	20	0.390	0.90	0.65	100KHz /1.0V	330
ZXYCR5020-470M	47.0	20	0.523	0.77	0.52	100KHz /1.0V	470
ZXYCR5020-680M	68.0	20	0.740	0.64	0.40	100KHz /1.0V	680
ZXYCR5020-820M	82.0	20	0.965	0.50	0.30	100KHz /1.0V	820
ZXYCR5020-101M	100.0	20	1.100	0.40	0.30	100KHz /1.0V	101

1. Isat: DC current at which the inductance drops approximate 30% from its value without current;
2. Irms: DC current that causes the temperature rise ($\Delta T = 40^\circ\text{C}$) from 25°C ambient.
3. Operating Temperature : $-40^\circ\text{C} \sim +105^\circ\text{C}$

ZXYCR5040 系列

外部尺寸 External Dimensions Unit:mm



	A	B	C	D	E	F
ZXYCR5040	5.0 ± 0.2	5.0 ± 0.2	4.0Max	4.20	1.50	2.00

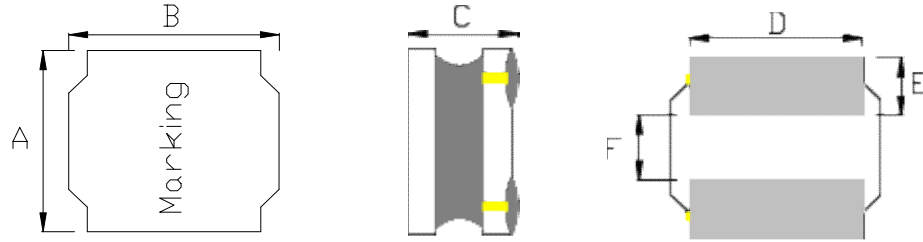
电气特性 Electrical Characteristics

ZXY Part Number	Inductance (uH)	Tolerance (±%)	DCR(Ω) 30%	Isat (A)	Irise (A)	Test Condition	Marking
ZXYCR5040-1R0N	1.00	30	0.012	4.90	4.00	100KHz /1.0V	1R0
ZXYCR5040-2R2N	2.2	30	0.019	3.80	3.32	100KHz /1.0V	2R2
ZXYCR5040-3R3N	3.3	30	0.024	3.40	3.00	100KHz /1.0V	3R3
ZXYCR5040-4R7M	4.7	20	0.030	3.00	2.70	100KHz /1.0V	4R7
ZXYCR5040-5R6M	5.6	20	0.035	2.80	2.60	100KHz /1.0V	5R6
ZXYCR5040-6R8M	6.8	20	0.043	2.50	2.32	100KHz /1.0V	6R8
ZXYCR5040-100M	10.0	20	0.064	2.10	1.86	100KHz /1.0V	100
ZXYCR5040-220M	22.0	20	0.129	1.50	1.33	100KHz /1.0V	220
ZXYCR5040-330M	33.0	20	0.188	1.20	1.16	100KHz /1.0V	330
ZXYCR5040-470M	47.0	20	0.272	1.00	1.00	100KHz /1.0V	470
ZXYCR5040-680M	68.0	20	0.400	0.80	0.86	100KHz /1.0V	680
ZXYCR5040-101M	100.0	20	0.560	0.70	0.52	100KHz /1.0V	101
ZXYCR5040-221M	220.0	20	1.280	0.38	0.20	100KHz /1.0V	221

1. Isat: DC current at which the inductance drops approximate 30% from its value without current;
2. Irms: DC current that causes the temperature rise ($\Delta T=40^{\circ}\text{C}$) from 25°C ambient.
3. Operating Temperature : $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$

ZXYCR 6020 系列

外部尺寸 External Dimensions Unit:mm



	A	B	C	D	E	F
ZXYCR6020	6.0 ± 0.3	6.0 ± 0.3	2.0Max	5.70	1.70	2.60

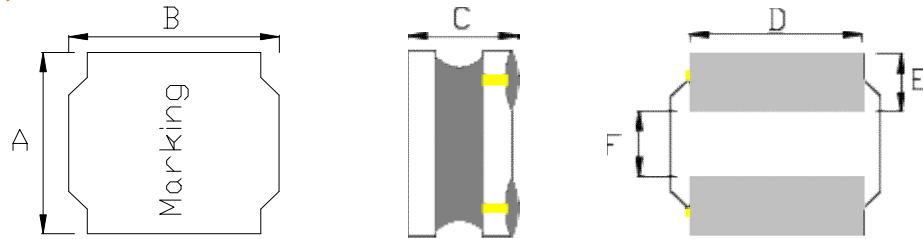
电气特性 Electrical Characteristics

ZXY Part Number	Inductance (μ H)	Tolerance ($\pm$ %)	DCR (Ω) 30%	Isat (A)	Irise (A)	Test Condition	Marking
ZXYCR6020-R68N	0.68	30	0.017	3.70	3.00	100KHz /1.0V	R68
ZXYCR6020-1R0N	1.0	30	0.020	3.50	2.74	100KHz /1.0V	1R0
ZXYCR6020-2R2N	2.2	30	0.028	2.75	2.25	100KHz /1.0V	2R2
ZXYCR6020-3R3N	3.3	30	0.035	2.60	2.16	100KHz /1.0V	3R3
ZXYCR6020-4R7M	4.7	20	0.058	2.00	1.71	100KHz /1.0V	4R7
ZXYCR6020-6R8M	6.8	20	0.079	1.80	1.48	100KHz /1.0V	6R8
ZXYCR6020-8R2M	8.2	20	0.105	1.40	1.30	100KHz /1.0V	8R2
ZXYCR6020-100M	10.0	20	0.105	1.40	1.22	100KHz /1.0V	100
ZXYCR6020-180M	18.0	20	0.180	1.08	1.00	100KHz /1.0V	180
ZXYCR6020-220M	22.0	20	0.204	1.00	0.80	100KHz /1.0V	220
ZXYCR6020-330M	33.0	20	0.300	0.84	0.65	100KHz /1.0V	330
ZXYCR6020-470M	47.0	20	0.430	0.80	0.50	100KHz /1.0V	470

1. Isat: DC current at which the inductance drops approximate 30% from its value without current;
2. Irms: DC current that causes the temperature rise ($\Delta T=40^{\circ}\text{C}$) from 25°C ambient.
3. Operating Temperature : $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$

ZXYCR 6028 系列

外部尺寸 External Dimensions Unit:mm



	A	B	C	D	E	F
ZXYCR6028	6.0 ± 0.3	6.0 ± 0.3	2.8Max	5.70	1.70	2.60

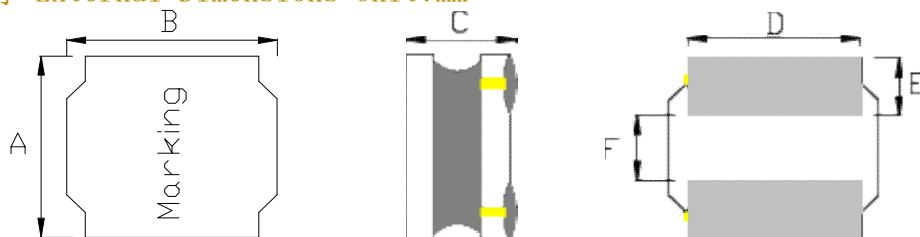
电气特性 Electrical Characteristics

ZXY Part Number	Inductance (μ H)	Tolerance ($\pm$ %)	DCR (Ω) 30%	Isat (A)	Irise (A)	Test Condition	Marking
ZXYCR6028-1R0N	1.00	30	0.010	5.20	4.85	100KHz /1.0V	1R0
ZXYCR6028-2R2N	2.20	30	0.020	3.75	3.50	100KHz /1.0V	2R2
ZXYCR6028-3R3N	3.3	30	0.025	3.48	3.20	100KHz /1.0V	3R3
ZXYCR6028-4R7N	4.7	30	0.030	3.08	2.84	100KHz /1.0V	4R7
ZXYCR6028-6R8M	6.8	20	0.047	2.40	2.20	100KHz /1.0V	6R8
ZXYCR6028-8R2M	8.2	20	0.055	2.25	2.00	100KHz /1.0V	8R2
ZXYCR6028-100M	10.0	20	0.072	1.95	1.62	100KHz /1.0V	100
ZXYCR6028-220M	22.0	20	0.140	1.40	1.06	100KHz /1.0V	220
ZXYCR6028-330M	33.0	20	0.185	1.22	0.85	100KHz /1.0V	330
ZXYCR6028-470M	47.0	20	0.315	1.06	0.70	100KHz /1.0V	470
ZXYCR6028-680M	68.0	20	0.360	0.86	0.62	100KHz /1.0V	680
ZXYCR6028-750M	75.0	20	0.410	0.81	0.53	100KHz /1.0V	750
ZXYCR6028-820M	82.0	20	0.500	0.70	0.50	100KHz /1.0V	820
ZXYCR6028-101M	100.0	20	0.500	0.70	0.40	100KHz /1.0V	101

1. Isat: DC current at which the inductance drops approximate 30% from its value without current;
2. Irms: DC current that causes the temperature rise ($\Delta T = 40^\circ\text{C}$) from 25°C ambient.
3. Operating Temperature : $-40^\circ\text{C} \sim +105^\circ\text{C}$

ZXYCR 6045 系列

外部尺寸 External Dimensions Unit:mm



	A	B	C	D	E	F
ZXYCR6045	6.0±0.3	6.0±0.3	4.5Max	5.70	1.70	2.60

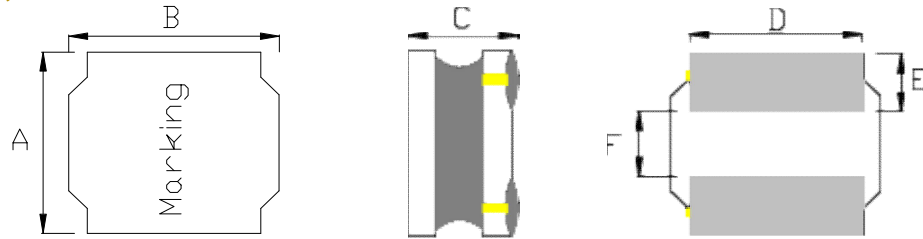
电气特性 Electrical Characteristics

ZXY Part Number	Inductance (μ H)	Tolerance ($\pm$ %)	DCR(Ω) 30%	Isat (A)	Irise (A)	Test Condition	Marking
ZXYCR6045-R82N	0.82	30	0.008	5.90	5.50	100KHz /1.0V	R82
ZXYCR6045-1R0N	1.00	30	0.011	5.14	4.80	100KHz /1.0V	1R0
ZXYCR6045-2R2N	2.2	30	0.014	4.60	3.86	100KHz /1.0V	2R2
ZXYCR6045-3R3N	3.3	30	0.021	3.70	3.30	100KHz /1.0V	3R3
ZXYCR6045-4R7M	4.7	20	0.026	3.30	3.00	100KHz /1.0V	4R7
ZXYCR6045-5R6M	5.6	20	0.029	3.15	2.63	100KHz /1.0V	5R6
ZXYCR6045-6R8M	6.8	20	0.031	3.00	2.51	100KHz /1.0V	6R8
ZXYCR6045-8R2M	8.2	20	0.043	2.60	2.18	100KHz /1.0V	8R2
ZXYCR6045-100M	10.0	20	0.048	2.45	1.98	100KHz /1.0V	100
ZXYCR6045-220M	22.0	20	0.089	1.80	1.50	100KHz /1.0V	220
ZXYCR6045-330M	33.0	20	0.137	1.45	1.15	100KHz /1.0V	330

1. Isat: DC current at which the inductance drops approximate 30% from its value without current;
2. Irms: DC current that causes the temperature rise ($\Delta T=40^{\circ}\text{C}$) from 25°C ambient.
3. Operating Temperature : $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$

ZXYCR 8040 系列

外部尺寸 External Dimensions Unit:mm



	A	B	C	D	E	F
ZXYCR8040	8.0 ± 0.3	6.0 ± 0.3	4.2Max	7.50	2.10	3.80

电气特性 Electrical Characteristics

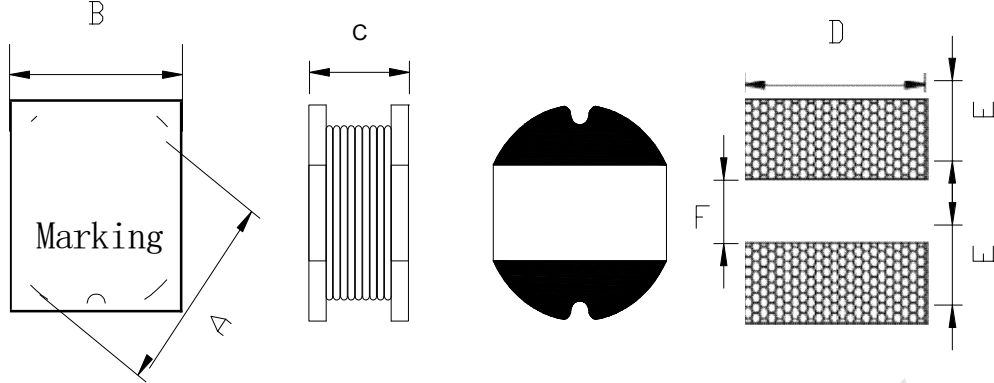
ZXY Part Number	Inductance (μ H)	Tolerance ($\pm$ %)	DCR(Ω) 30%	Isat (A)	Irise (A)	Test Condition	Marking
ZXYCR8040-R82N	0.82	30	0.008	6.30	5.25	100KHz /1.0V	R82
ZXYCR8040-1R0N	1.00	30	0.008	6.30	5.16	100KHz /1.0V	1R0
ZXYCR8040-2R2N	2.2	30	0.012	5.15	4.81	100KHz /1.0V	2R2
ZXYCR8040-3R3N	3.3	30	0.017	4.40	3.80	100KHz /1.0V	3R3
ZXYCR8040-4R7N	4.7	30	0.019	4.10	3.56	100KHz /1.0V	4R7
ZXYCR8040-6R8M	6.8	20	0.024	3.60	3.20	100KHz /1.0V	6R8
ZXYCR8040-8R2M	8.2	20	0.026	3.45	3.15	100KHz /1.0V	8R2
ZXYCR8040-100M	10.0	20	0.042	3.30	3.00	100KHz /1.0V	100
ZXYCR8040-220M	22.0	20	0.069	2.10	1.86	100KHz /1.0V	220
ZXYCR8040-330M	33.0	20	0.097	1.80	1.62	100KHz /1.0V	330
ZXYCR8040-470M	47.0	20	0.136	1.55	1.38	100KHz /1.0V	470
ZXYCR8040-560M	56.0	20	0.148	1.45	1.30	100KHz /1.0V	560
ZXYCR8040-680M	68.0	20	0.196	1.25	1.12	100KHz /1.0V	680
ZXYCR8040-820M	82.0	20	0.225	1.15	1.00	100KHz /1.0V	820
ZXYCR8040-101M	100.0	20	0.290	1.00	0.88	100KHz /1.0V	101
ZXYCR8040-221M	220.0	20	0.599	0.80	0.40	100KHz /1.0V	221
ZXYCR8040-331M	330.0	20	0.889	0.64	0.30	100KHz /1.0V	331

1. Isat: DC current at which the inductance drops approximate 30% from its value without current;
2. Irms: DC current that causes the temperature rise ($\Delta T=40^{\circ}\text{C}$) from 25°C ambient.
3. Operating Temperature : $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$

--CD Power Inductor

ZXYCD 0301 系列

外部尺寸 External Dimensions Unit:mm



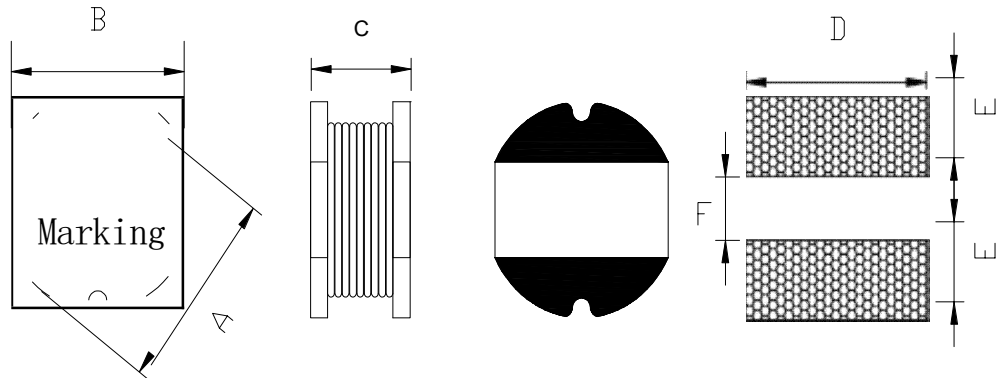
	A	B	C	D	E	F
ZXYCD0301	3.5±0.3	3.0 ± 0.3	1.15 ± 0.3	3.50	1.60	0.80

电气特性 Electrical Characteristics

ZXY Part Number	Inductance (uH)	Tolerance (±%)	DCR(Ω) MAX	Isat (A) MAX	Irise(A)) MAX	Test Condition	Marki ng
ZXYCD0301-1R0N	1.0	30	0.060	1.40	1.40	100KHz, 0.25V	1R1
ZXYCD0301-2R2N	2.2	30	0.240	1.20	1.20	100KHz, 0.25V	2R2
ZXYCD0301-3R3M	3.3	20	0.270	1.00	1.00	100KHz, 0.25V	3R3
ZXYCD0301-4R7M	4.7	20	0.400	0.90	0.90	100KHz, 0.25V	4R7
ZXYCD0301-5R6M	5.6	20	0.450	0.65	0.65	100KHz, 0.25V	5R6
ZXYCD0301-6R8M	6.8	20	0.500	0.56	0.56	100KHz, 0.25V	6R8
ZXYCD0301-100M	10.0	20	0.750	0.45	0.45	1KHz, 0.25V	100
ZXYCD0301-220M	22.0	20	1.500	0.28	0.28	1KHz, 0.25V	220
ZXYCD0301-330M	33.0	20	2.800	0.25	0.25	1KHz, 0.25V	330
ZXYCD0301-470M	47.0	20	4.000	0.21	0.21	1KHz, 0.25V	470
ZXYCD0301-680M	68.0	20	5.000	0.18	0.18	1KHz, 0.25V	680

ZXYCD 0302 系列

外部尺寸 External Dimensions Unit:mm



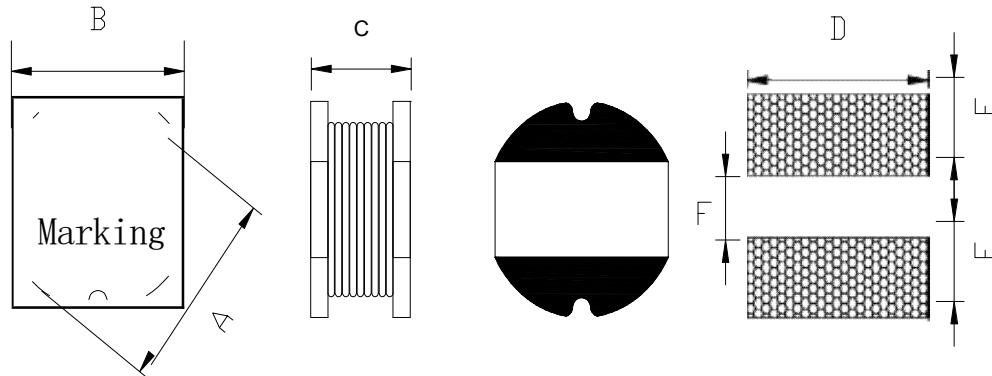
	A	B	C	D	E	F
ZXYCD0302	3.5±0.3	3.0±0.3	2.1±0.3	3.50	1.60	0.80

电气特性 Electrical Characteristics

ZXY Part Number	Inductance (uH)	Tolerance (±%)	DCR(Ω) MAX	Isat (A) MAX	Irise(A) MAX	TestCondition	Marking
ZXYCD0302-1R0N	1.00	30	0.045	2.200	2.200	100KHz, 0.25V	1R0
ZXYCD0302-2R2N	2.20	30	0.085	1.600	1.600	100KHz, 0.25V	2R2
ZXYCD0302-3R3M	3.30	20	0.120	1.040	1.040	100KHz, 0.25V	3R3
ZXYCD0302-4R7M	4.70	20	0.170	1.000	1.000	100KHz, 0.25V	4R7
ZXYCD0302-5R6M	5.60	20	0.185	0.950	0.950	100KHz, 0.25V	5R6
ZXYCD0302-6R8M	6.80	20	0.200	0.950	0.950	100KHz, 0.25V	6R8
ZXYCD0302-100M	10.00	20	0.320	0.760	0.760	1KHz, 0.25V	100
ZXYCD0302-220M	22.00	20	0.660	0.500	0.500	1KHz, 0.25V	220
ZXYCD0302-330M	33.00	20	0.920	0.380	0.380	1KHz, 0.25V	330
ZXYCD0302-470M	47.00	20	1.270	0.330	0.330	1KHz, 0.25V	470
ZXYCD0302-680M	68.00	20	2.000	0.260	0.260	1KHz, 0.25V	680
ZXYCD0302-101M	100.00	20	2.850	0.200	0.200	1KHz, 0.25V	101

ZXYCD 0403 系列

外部尺寸 External Dimensions Unit:mm



	A	B	C	D	E	F
ZXYCD0403	4.5 ± 0.3	4.0 ± 0.3	3.2 ± 0.3	4.50	1.75	1.50

电气特性 Electrical Characteristics

ZXY Part Number	Inductance (μ H)	Tolerance ($\pm$ %)	DCR(Ω) MAX	Isat (A) MAX	Irise(A)) MAX	TestCondition	Marking
ZXYCD0403-1R0 N	1.00	30	0.049	2.700	2.700	100KHz, 0.25V	1R0
ZXYCD0403-2R2 N	2.20	30	0.072	2.250	2.250	100KHz, 0.25V	2R2
ZXYCD0403-3R3 M	3.30	20	0.086	2.000	2.000	100KHz, 0.25V	3R3
ZXYCD0403-4R7 M	4.70	20	0.109	1.620	1.620	100KHz, 0.25V	4R7
ZXYCD0403-5R6 M	5.60	20	0.126	1.480	1.480	100KHz, 0.25V	5R6
ZXYCD0403-6R8 M	6.80	20	0.131	1.430	1.430	100KHz, 0.25V	6R8
ZXYCD0403-100 M	10.00	20	0.182	1.040	1.040	1KHz, 0.25V	100
ZXYCD0403-220 M	22.00	20	0.378	0.680	0.680	1KHz, 0.25V	220
ZXYCD0403-330 M	33.00	20	0.540	0.560	0.560	1KHz, 0.25V	330

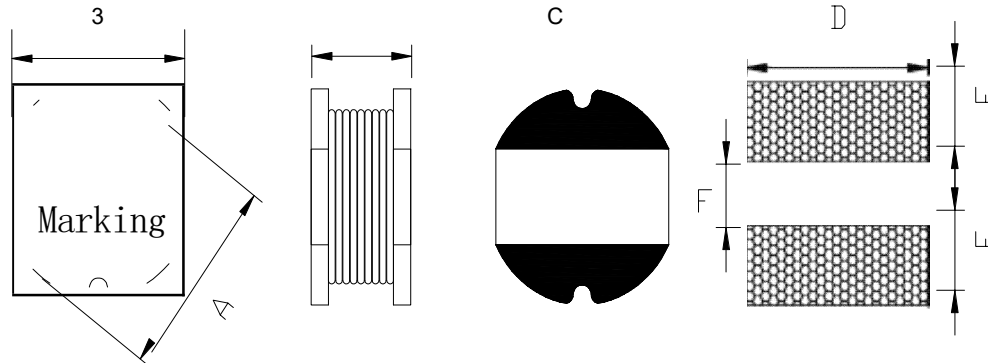
ZXYCD0403-470 M	47.00	20	0.844	0.440	0.440	1KHz, 0.25V	470
ZXYCD0403-680 M	68.00	20	1.117	0.370	0.370	1KHz, 0.25V	680
ZXYCD0403-101 M	100.00	20	1.190	0.300	0.300	1KHz, 0.25V	101

志翔源 ZXY

1. Isat: DC current at which the inductance drops approximate 30% from its value without current;
2. Irms: DC current that causes the temperature rise ($\Delta T = 40^{\circ}\text{C}$) from 25°C ambient.
3. Operating Temperature : $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$

ZXYCD 0502 系列

外部尺寸 External Dimensions Unit:mm



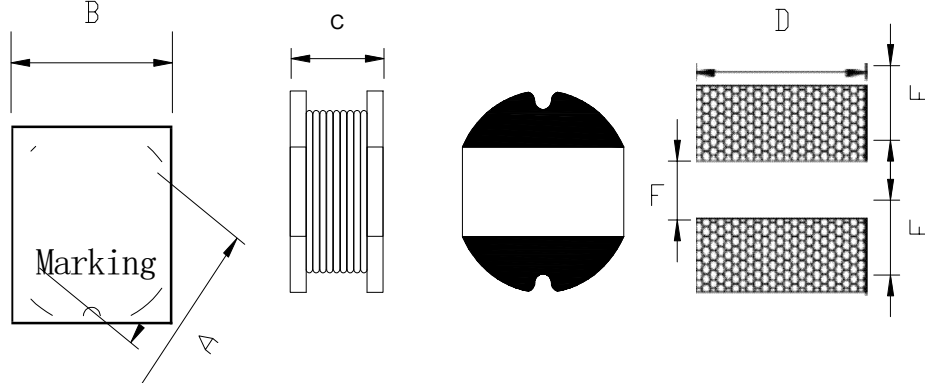
	A	B	C	D	E	F
ZXYCD0502	5.8±0.3	5.2±0.3	2.5±0.3	5.50	2.15	1.70

电气特性 Electrical Characteristics

ZXY Part Number	Inductance (uH)	Tolerance (±%)	DCR(Ω) MAX	I _{sat} (A)	I _{rise} (A)	Test Condition	Marking
ZXYCD0502-1R0N	1.00	30	0.021	4.000	4.000	100KHz, 0.25V	1R0
ZXYCD0502-2R2N	2.20	30	0.070	3.500	3.500	100KHz, 0.25V	2R2
ZXYCD0502-3R3M	3.30	20	0.100	2.700	2.700	100KHz, 0.25V	3R3
ZXYCD0502-4R7M	4.70	20	0.140	2.000	2.000	100KHz, 0.25V	4R7
ZXYCD0502-5R6M	5.60	20	0.150	1.800	1.800	100KHz, 0.25V	5R6
ZXYCD0502-6R8M	6.80	20	0.160	1.500	1.500	100KHz, 0.25V	6R8
ZXYCD0502-100M	10.00	20	0.200	1.300	1.300	1KHz, 0.25V	100
ZXYCD0502-220M	22.00	20	0.350	0.900	0.900	1KHz, 0.25V	220
ZXYCD0502-330M	33.00	20	0.500	0.750	0.750	1KHz, 0.25V	330
ZXYCD0502-470M	47.00	20	0.650	0.600	0.600	1KHz, 0.25V	470
ZXYCD0502-680M	68.00	20	0.950	0.500	0.500	1KHz, 0.25V	680
ZXYCD0502-101M	100.00	20	1.400	0.400	0.400	1KHz, 0.25V	101

ZXYCD 0503 系列

外部尺寸 External Dimensions Unit:mm



	A	B	C	D	E	F
ZXYCD0503	5.8 ± 0.3	5.2 ± 0.3	3.0 ± 0.3	5.50	2.15	1.70

电气特性 Electrical Characteristics

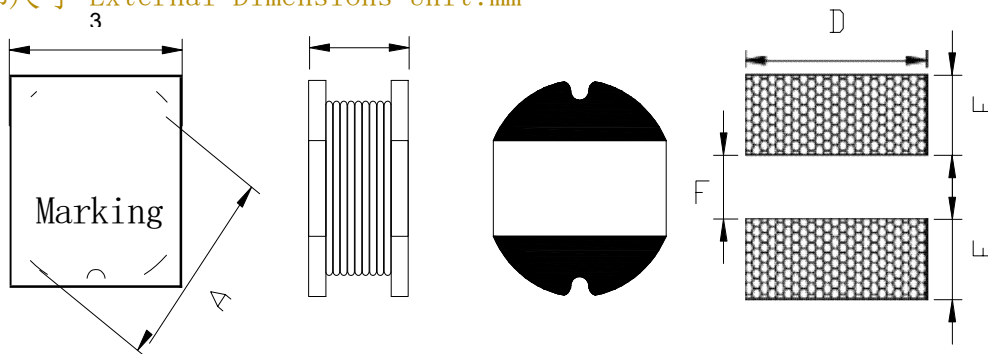
JL Part Number	Inductance (uH)	Tolerance (±%)	DCR(Ω) 30%	Isa t (A)	Iris e (A)	Test Condition	Marking
ZXYCD0503-1R0 N	1.0	30	16.50m	3.70	3.70	100KHz /0.25V	1R0
ZXYCD0503-2R2 N	2.2	30	25.00m	2.85	2.85	100KHz /0.25V	2R2
ZXYCD0503-3R3 M	3.3	20	39.50m	2.40	2.40	100KHz /0.25V	3R3
ZXYCD0503-4R7 M	4.7	20	52.00m	1.90	1.90	100KHz /0.25V	4R7
ZXYCD0503-6R8 M	6.8	20	71.20m	1.87	1.87	100KHz /0.25V	6R8
ZXYCD0503-100 M	10	20	93.60m	1.78	1.78	1KHz /0.25V	100
ZXYCD0503-150 M	15	20	139.00m	1.58	1.58	1KHz /0.25V	150
ZXYCD0503-220 M	22	20	192.40m	1.29	1.29	1KHz /0.25V	220
ZXYCD0503-330 M	33	20	325.00m	950m	950m	1KHz /0.25V	330

ZXYCD0503-390 M	39	20	369.00m	920m	920m	1KHz /0.25V	390
ZXYCD0503-470 M	47	20	435.50m	820m	820m	1KHz /0.25V	470
ZXYCD0503-560 M	56	20	552.50m	800m	800m	1KHz /0.25V	560
ZXYCD0503-680 M	68	20	628.00m	760m	760m	1KHz /0.25V	680
ZXYCD0503-820 M	82	20	785.00m	670m	670m	1KHz /0.25V	820
ZXYCD0503-101 M	100	20	848.00m	615m	615m	1KHz /0.25V	101
ZXYCD0503-121 M	120	20	1.03	600m	600m	1KHz /0.25V	121
ZXYCD0503-151 M	150	20	1.44	480m	480m	1KHz /0.25V	151
ZXYCD0503-221 M	220	20	2.08	370m	370m	1KHz /0.25V	221
ZXYCD0503-331 M	330	20	3.71	300m	300m	1KHz /0.25V	331
ZXYCD0503-471 M	470	20	4.42	235m	235m	1KHz /0.25V	471
ZXYCD0503-681 M	680	20	6.42	210m	210m	1KHz /0.25V	681

1. Isat: DC current at which the inductance drops approximate 30% from its value without current;
2. Irms: DC current that causes the temperature rise ($\Delta T=40^{\circ}\text{C}$) from 25°C ambient.
3. Operating Temperature : $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$

ZXYCD 0504 系列

外部尺寸 External Dimensions Unit:mm



	A	B	C	D	E	F
ZXYCD0504	5.8 ± 0.3	5.2 ± 0.3	4.5 ± 0.3	5.50	2.15	1.70

电气特性 Electrical Characteristics

ZXY Part Number	Inductance (uH)	Tolerance (±%)	DCR(Ω) MAX	Isat (A)	Irise (A)	Test Condition	Marking
ZXYCD0504-1R0N	1.0	30	13.00m	5.40	5.40	100KHz /0.25V	1R0
ZXYCD0504-2R2N	2.2	30	22.10m	4.00	4.00	100KHz /0.25V	2R2
ZXYCD0504-3R3N	3.3	30	31.20m	3.70	3.70	100KHz /0.25V	3R3
ZXYCD0504-4R7M	4.7	20	52.00m	3.00	3.00	100KHz /0.25V	4R7
ZXYCD0504-5R6M	5.6	20	54.60m	2.80	2.80	100KHz /0.25V	5R6
ZXYCD0504-6R8M	6.8	20	58.50m	2.40	2.40	100KHz /0.25V	6R8
ZXYCD0504-100M	10	20	87.90m	1.42	1.42	1KHz /0.25V	100
ZXYCD0504-220M	22	20	169.00m	1.10	1.10	1KHz /0.25V	220
ZXYCD0504-270M	27	20	153.40m	0.95	0.95	1KHz /0.25V	270
ZXYCD0504-330M	33	20	208.00m	0.86	0.86	1KHz /0.25V	330
ZXYCD0504-470M	47	20	355.00m	0.71	0.71	1KHz /0.25V	470
ZXYCD0504-680M	68	20	390.00m	0.6	0.6	1KHz /0.25V	680
ZXYCD0504-101M	100	20	611.00m	0.51	0.51	1KHz /0.25V	101
ZXYCD0504-221M	220	20	1.45	0.34	0.34	1KHz /0.25V	221
ZXYCD0504-271M	270	20	1.51	0.31	0.31	1KHz /0.25V	271



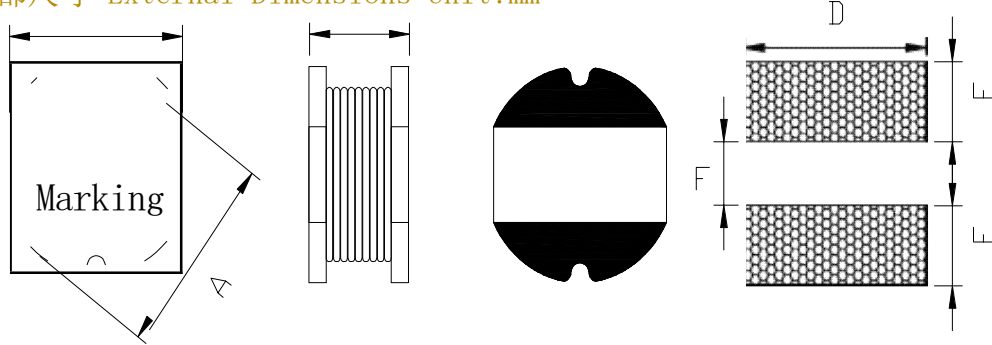
ZXYCD0504-331M	330	20	1.76	0.28	0.28	1KHz /0.25V	331
ZXYCD0504-471M	470	20	2.99	0.24	0.24	1KHz /0.25V	471
ZXYCD0504-561M	560	20	3.12	0.22	0.22	1KHz /0.25V	561
ZXYCD0504-681M	680	20	3.90	0.2	0.2	1KHz /0.25V	681

志翔源 ZXY

1. Isat: DC current at which the inductance drops approximate 30% from its value without current;
2. Irms: DC current that causes the temperature rise ($\Delta T=40^{\circ}\text{C}$) from 25°C ambient.
3. Operating Temperature : $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$

ZXYCD 0703 系列

外部尺寸 External Dimensions Unit:mm



	A	B	C	D	E	F
ZXYCD0703	7.8 ± 0.3	7.0 ± 0.3	3.5 ± 0.5	7.50	3.00	2.00

电气特性 Electrical Characteristics

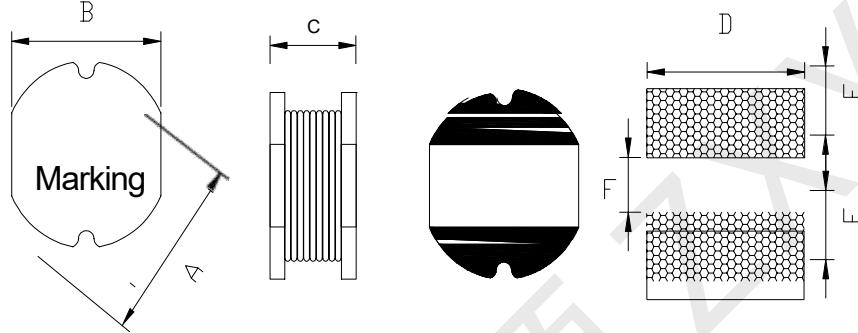
ZXY Part Number	Inductance (uH)	Tolerance (±%)	DCR (Ω) MAX	Isat (A)	Irise (A)	TestCondition	Marking
ZXYCD0703-1R0N	1.0	30	0.018	1.64	1.64	100KHz /0.25V	1R0
ZXYCD0703-2R2N	2.2	30	0.023	1.60	1.60	100KHz /0.25V	2R2
ZXYCD0703-3R3M	3.3	20	0.025	1.59	1.59	100KHz /0.25V	3R3
ZXYCD0703-4R7M	4.7	20	0.039	1.54	1.54	100KHz /0.25V	4R7
ZXYCD0703-6R8M	6.8	20	0.040	1.49	1.49	100KHz /0.25V	6R8
ZXYCD0703-100M	10	20	0.080	1.44	1.44	1KHz /0.25V	100
ZXYCD0703-180M	18	20	0.111	1.12	1.12	1KHz /0.25V	180
ZXYCD0703-220M	22	20	0.129	1.07	1.07	1KHz /0.25V	220
ZXYCD0703-330M	33	20	0.170	0.85	0.85	1KHz /0.25V	330
ZXYCD0703-470M	47	20	0.252	0.68	0.68	1KHz /0.25V	470
ZXYCD0703-560M	56	20	0.282	0.64	0.64	1KHz /0.25V	560
ZXYCD0703-680M	68	20	0.332	0.59	0.59	1KHz /0.25V	680
ZXYCD0703-101M	100	20	0.481	0.51	0.51	1KHz /0.25V	101
ZXYCD0703-181M	180	20	1.022	0.36	0.36	1KHz /0.25V	181
ZXYCD0703-221M	220	20	1.200	0.31	0.31	1KHz /0.25V	221
ZXYCD0703-331M	330	20	1.495	0.28	0.28	1KHz /0.25V	331
ZXYCD0703-471M	470	20	2.100	0.26	0.26	1KHz /0.25V	471

ZXYCD0703-681M 680 20 3.000 0.23 0.23 1KHz /0.25V 681

1. Isat: DC current at which the inductance drops approximate 30% from its value without current;
2. Irms: DC current that causes the temperature rise ($\Delta T = 40^\circ\text{C}$) from 25°C ambient.
3. Operating Temperature : $-40^\circ\text{C} \sim +105^\circ\text{C}$

ZXYCD 0705 系列

外部尺寸 External Dimensions Unit:mm



	A	B	C	D	E	F
ZXYCD0705	7.8 ± 0.3	7.0 ± 0.3	5.0 ± 0.5	7.50	3.00	2.00

电气特性 Electrical Characteristics

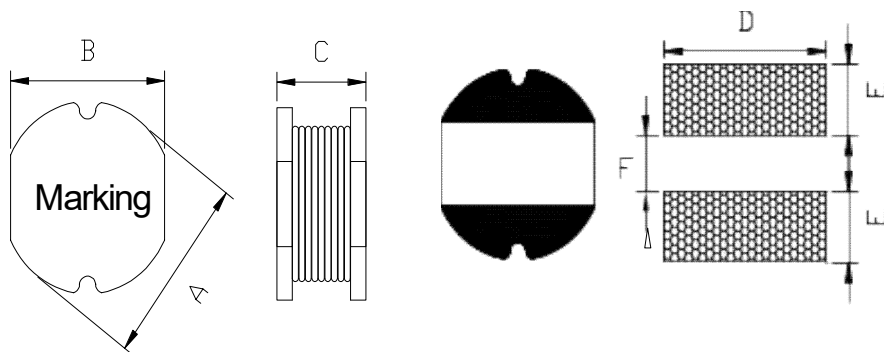
ZXY Part Number	Inductance (uH)	Tolerance (±%)	DCR (Ω) MAX	Isat (A)	Iris e (A)	Test Condition	Marking
ZXYCD0705-1R0N	1.0	30	0.013	3.40	3.40	100KHz /0.25V	1R0
ZXYCD0705-2R2N	2.2	30	0.023	3.00	3.00	100KHz /0.25V	2R2
ZXYCD0705-3R3M	3.3	20	0.028	2.80	2.80	100KHz /0.25V	3R3
ZXYCD0705-4R7M	4.7	20	0.045	2.70	2.70	100KHz /0.25V	4R7
ZXYCD0705-5R6M	5.6	20	0.048	2.65	2.65	100KHz /0.25V	5R6

ZXYCD0705-6R8M	6.8	20	0.058	2.50	2.50	100KHz /0.25V	6R8
ZXYCD0705-100M	10	20	0.070	2.30	2.30	1KHz /0.25V	100
ZXYCD0705-180M	18	20	0.100	1.60	1.60	1KHz /0.25V	180
ZXYCD0705-220M	22	20	0.110	1.50	1.50	1KHz /0.25V	220
ZXYCD0705-330M	33	20	0.130	1.20	1.20	1KHz /0.25V	330
ZXYCD0705-470M	47	20	0.180	1.40	1.40	1KHz /0.25V	470
ZXYCD0705-560M	56	20	0.240	0.94	0.94	1KHz /0.25V	560
ZXYCD0705-680M	68	20	0.280	0.85	0.85	1KHz /0.25V	680
ZXYCD0705-101M	100	20	0.430	0.72	0.72	1KHz /0.25V	101
ZXYCD0705-221M	220	20	0.960	0.49	0.49	1KHz /0.25V	221
ZXYCD0705-331M	330	20	1.260	0.40	0.40	1KHz /0.25V	331
ZXYCD0705-471M	470	20	1.960	0.34	0.34	1KHz /0.25V	471

1. Isat: DC current at which the inductance drops approximate 30% from its value without current;
2. Irms: DC current that causes the temperature rise ($\Delta T = 40^\circ\text{C}$) from 25°C ambient.
3. Operating Temperature : $-40^\circ\text{C} \sim +105^\circ\text{C}$

ZXYCD 1004 系列

外部尺寸 External Dimensions Unit:mm



	A	B	C	D	E	F
ZXYCD1004	10.0±0.4	9.0±0.3	4.0±0.5	9.50	3.75	2.50

电气特性 Electrical Characteristics

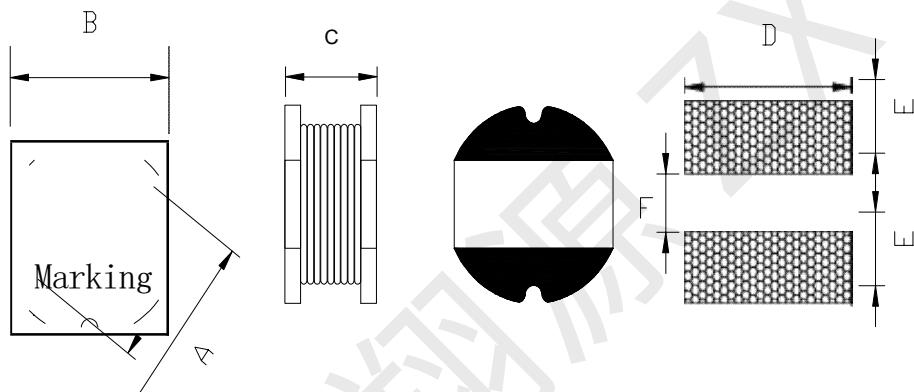
ZXY Part Number	Inductance (uH)	Tolerance (±%)	DCR(Ω) MAX	Isat (A)	Iris e (A)	Test Condition	Marking
ZXYCD1004-1R0N	1.0	30	0.012	8.70	8.70	100KHz /0.25V	1R0
ZXYCD1004-2R2N	2.2	30	0.020	5.40	5.40	100KHz /0.25V	2R2
ZXYCD1004-3R3M	3.3	20	0.028	2.85	2.85	100KHz /0.25V	3R3
ZXYCD1004-4R7M	4.7	20	0.038	2.75	2.75	100KHz /0.25V	4R7
ZXYCD1004-5R6M	5.6	20	0.040	2.70	2.70	100KHz /0.25V	5R6
ZXYCD1004-6R8M	6.8	20	0.042	2.65	2.65	100KHz /0.25V	6R8
ZXYCD1004-100N	10	20	0.053	2.38	2.38	1KHz /0.25V	100
ZXYCD1004-180N	18	20	0.081	1.73	1.73	1KHz /0.25V	180
ZXYCD1004-220N	22	20	0.090	1.60	1.60	1KHz /0.25V	220
ZXYCD1004-330N	33	20	0.120	1.26	1.26	1KHz /0.25V	330
ZXYCD1004-470N	47	20	0.170	1.10	1.10	1KHz /0.25V	470
ZXYCD1004-560N	56	20	0.199	1.01	1.01	1KHz /0.25V	560
ZXYCD1004-680N	68	20	0.223	0.91	0.91	1KHz /0.25V	680
ZXYCD1004-101N	100	20	0.344	0.74	0.74	1KHz /0.25V	101
ZXYCD1004-221N	220	20	0.721	0.53	0.53	1KHz /0.25V	221
ZXYCD1004-331N	330	20	1.100	0.42	0.42	1KHz /0.25V	331

ZXYCD1004-471N	470	20	1.526	0.35	0.35	1KHz /0.25V	471
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1. Isat: DC current at which the inductance drops approximate 30% from its value without current;
2. Irms: DC current that causes the temperature rise ($\Delta T = 40^{\circ}\text{C}$) from 25°C ambient.
3. Operating Temperature : $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$

ZXYCD 1005 系列

外部尺寸 External Dimensions Unit:mm



	A	B	C	D	E	F
ZXYCD1005	10.0 ± 0.4	9.0 ± 0.3	5.4 ± 0.5	9.50	3.75	2.50

电气特性 Electrical Characteristics

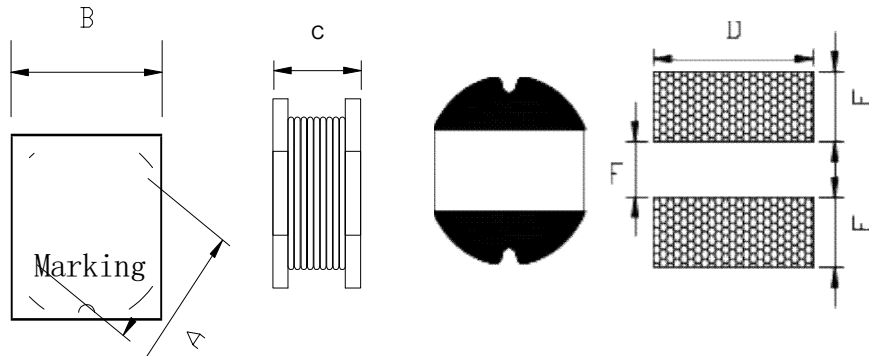
ZXY Part Number	Inductance (uH)	Tolerance (±%)	DCR(Ω) MAX	Isat t (A)	Iris e (A)	Test Condition	Marking
ZXYCD1005-1R0 N	1.0	30	0.014	6.8	6.80	100KHz /0.25V	1R0
ZXYCD1005-2R2 N	2.2	30	0.014	6.80	6.80	100KHz /0.25V	2R2
ZXYCD1005-3R3 M	3.3	20	0.018	3.05	3.05	100KHz /0.25V	3R3
ZXYCD1005-4R7	4.7	20	0.020	2.90	2.90	100KHz /0.25V	4R7

M							
ZXYCD1005-5R6	5.6	20	0.04	2.75	2.75	100KHz /0.25V	5R6
M							
ZXYCD1005-6R8	6.8	20	0.040	2.75	2.75	100KHz /0.25V	6R8
M							
ZXYCD1005-100	10	20	0.060	2.60	2.60	1KHz /0.25V	100
N							
ZXYCD1005-180	18	20	0.090	2.15	2.15	1KHz /0.25V	180
N							
ZXYCD1005-220	22	20	0.100	1.95	1.95	1KHz /0.25V	220
N							
ZXYCD1005-330	33	20	0.120	1.50	1.50	1KHz /0.25V	330
N							
ZXYCD1005-470	47	20	0.170	1.28	1.28	1KHz /0.25V	470
N							
ZXYCD1005-560	56	20	0.190	1.17	1.17	1KHz /0.25V	560
N							
ZXYCD1005-680	68	20	0.220	1.11	1.11	1KHz /0.25V	680
N							
ZXYCD1005-101	100	20	0.350	0.97	0.97	1KHz /0.25V	101
N							
ZXYCD1005-221	220	20	0.730	0.66	0.66	1KHz /0.25V	221
N							
ZXYCD1005-331	330	20	1.150	0.52	0.52	1KHz /0.25V	331
N							
ZXYCD1005-471	470	20	1.480	0.42	0.42	1KHz /0.25V	471
N							

1. Isat: DC current at which the inductance drops approximate 30% from its value without current;
2. Irms: DC current that causes the temperature rise ($\Delta T = 40^\circ \text{C}$) from 25°C ambient.
3. Operating Temperature : $-40^\circ \text{C} \sim +105^\circ \text{C}$

ZXYCD 1006 系列

外部尺寸 External Dimensions Unit:mm



	A	B	C	D	E	F
ZXYCD1006	10.0±0.4	9.0±0.3	7.5 MAX	9.50	3.75	2.50

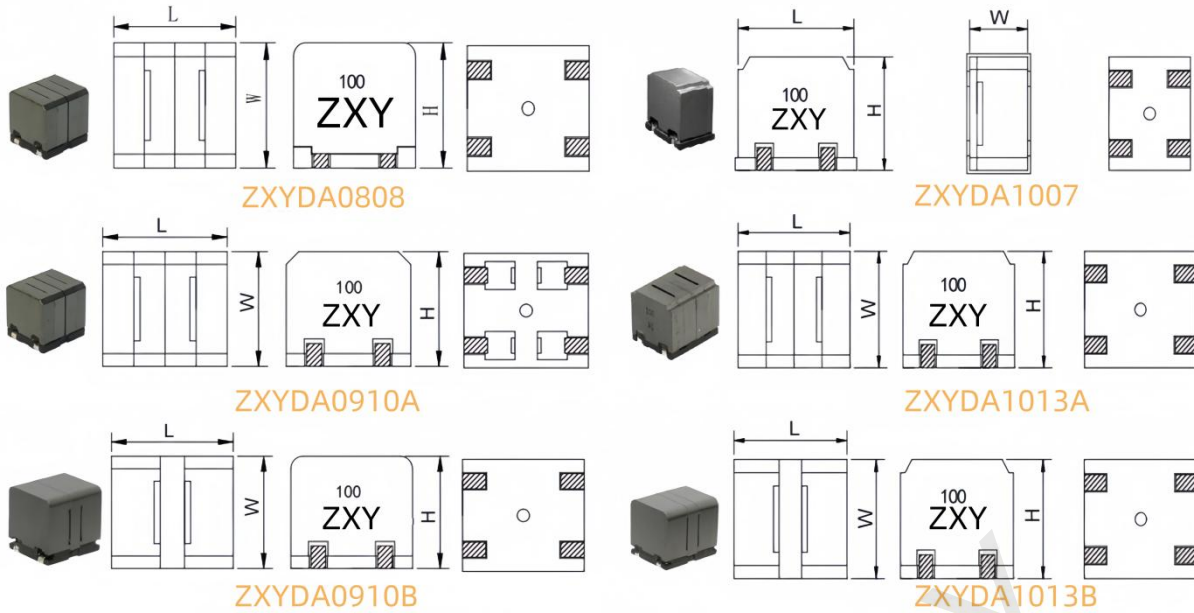
电气特性 Electrical Characteristics

ZXY Part Number	Inductance (μ H)	Tolerance ($\pm$ %)	DCR(Ω) MAX	I _{sat} (A)	I _{ris} (A)	Test Condition	Marking
ZXYCD1006-1R0 N	1.0	30	0.008	9.50	9.50	100KHz /0.25V	1R0
ZXYCD1006-2R2 N	2.2	30	0.012	7.20	7.20	100KHz /0.25V	2R2
ZXYCD1006-3R3 M	3.3	20	0.016	6.80	6.80	100KHz /0.25V	3R3
ZXYCD1006-4R7 M	4.7	20	0.019	5.45	5.45	100KHz /0.25V	4R7
ZXYCD1006-5R6 M	5.6	20	0.024	4.30	4.30	100KHz /0.25V	5R6
ZXYCD1006-6R8 M	6.8	20	0.035	3.52	3.52	100KHz /0.25V	6R8
ZXYCD1006-100 N	10	20	0.060	3.50	3.50	1KHz /0.25V	100
ZXYCD1006-180 N	18	20	0.090	3.00	3.00	1KHz /0.25V	180
ZXYCD1006-220 N	22	20	0.100	2.60	2.60	1KHz /0.25V	220
ZXYCD1006-330 N	33	20	0.120	2.30	2.30	1KHz /0.25V	330

ZXYCD1006-470 N	47	20	0.170	1.95	1.95	1KHz /0.25V	470
ZXYCD1006-560 N	56	20	0.190	1.85	1.85	1KHz /0.25V	560
ZXYCD1006-680 N	68	20	0.220	1.65	1.65	1KHz /0.25V	680
ZXYCD1006-101 N	100	20	0.350	1.40	1.40	1KHz /0.25V	101
ZXYCD1006-221 N	220	20	0.730	0.95	0.95	1KHz /0.25V	221
ZXYCD1006-331 N	330	20	1.150	0.80	0.80	1KHz /0.25V	331
ZXYCD1006-471 N	470	20	1.480	0.65	0.65	1KHz /0.25V	471

1. Isat: DC current at which the inductance drops approximate 30% from its value without current;
2. Irms: DC current that causes the temperature rise ($\Delta T = 40^{\circ}\text{C}$) from 25°C ambient.
3. Operating Temperature : $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$

Digital AMP Inductor



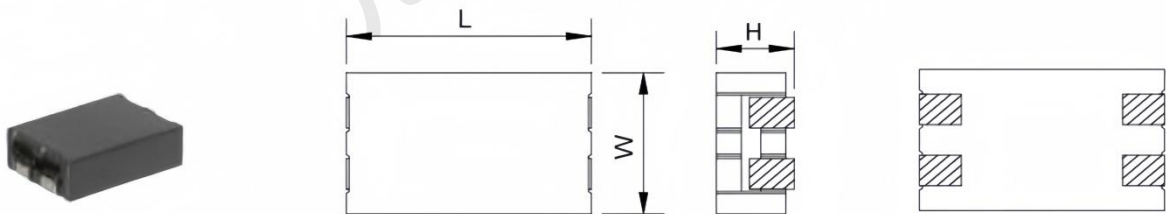
Type Name	L*W*H (mm)	Inductance (uH)	DC Resistance (mΩ)	DC Saturation Current (A)	Temperrature Rise Current (A)
	Typical	±20%	Max	Drop 25% (typ.)	ΔT 40°C (typ.)
 ZXYDA0808	8.0*8.0*9.0	3.3~22.0	18.0~90.0	3.0~7.2	1.8~3.9
 ZXYDA0910A	10.0*9.0*10.0	3.3~22.0	19.0~36.0	3.3~7.8	3.5~5.0
 ZXYDA0910B	10.0*9.0*10.0	3.3~22.0	19.0~36.0	3.3~7.8	3.5~5.0
 ZXYDA1007	10.5*6.5*10.0	6.8~22.0	12.0~28.0	4.0~7.8	4.0~6.7
 ZXYDA1013A	12.8*10.5*10.0	3.3~22.0	15.2~24.0	3.5~16.0	5.0~6.5
 ZXYDA1013B	12.8*10.5*10.0	3.3~22.0	19.0~36.0	3.5~16.0	5.0~6.5

1.All data is tested based on 25°C ambient temperature.

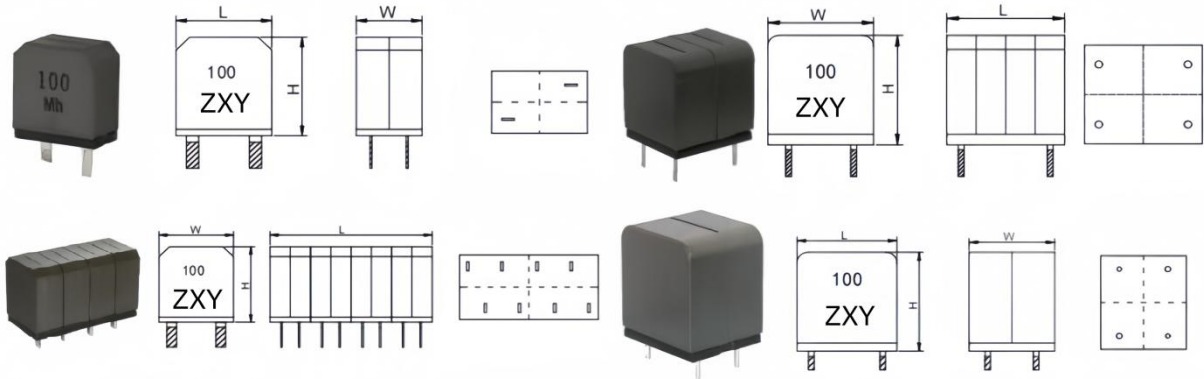
2.Inductance measure condition at 1kHz,1V.

3.Saturation current: the actual value of DC current when the inductance decrease 25% of its initial value

4.Temperature rise current the actual value of DC current when the temperature rise is ΔT40°C (Ta=25).

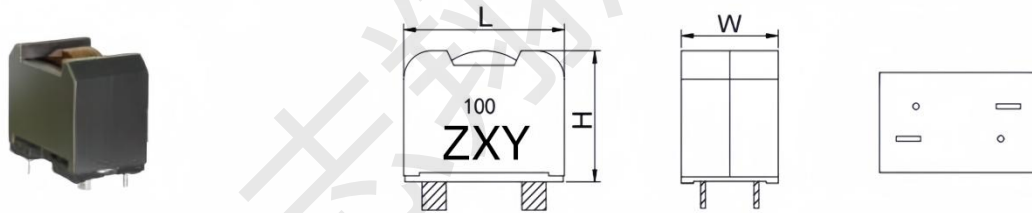


Type Name	L*W*H (mm)	Normal mode Impedance(Ω)	Common mode Impedance(Ω)	DC Resistance (mΩ)	Temperrature Rise Current (A)
	Typical	Max @1MHz	±25% @100MHz	Max	ΔT 40°C (typ.)
 ZXYDA0806C-R	8.8*6.0*3.5	10.0	50.0	2.0	7.0



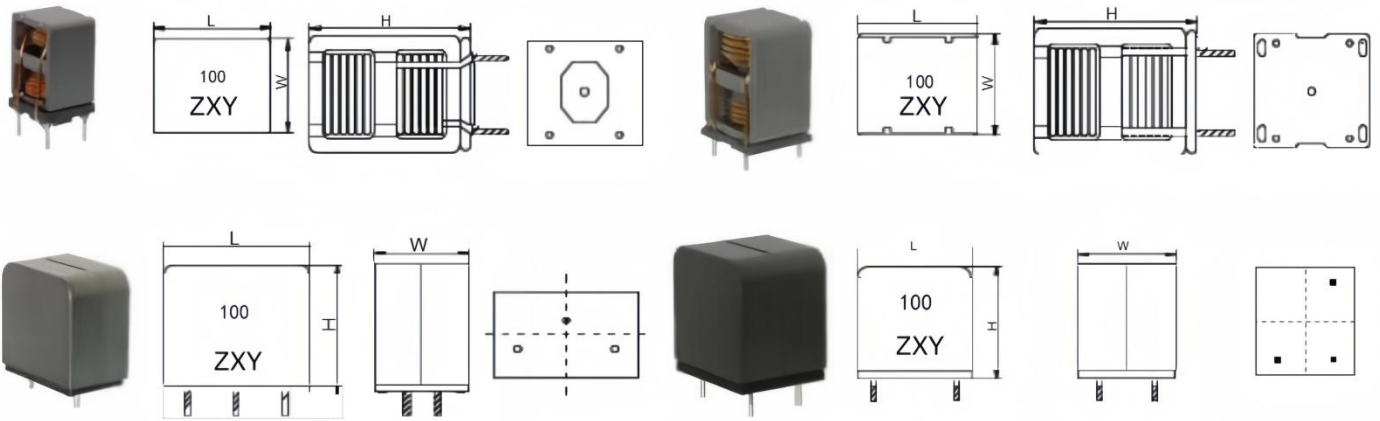
Type Name	L*W*H (mm)	Inductance (uH)	DC Resistance (mΩ)	DC Saturation Current (A)	Temperature Rise Current (A)
	Typical	±20%	Max	Drop 25% (typ.)	ΔT 40°C (typ.)
 ZXYDA1306	13.0*6.5*14.5	4.7~22.0	5.4~21.5	7.0~17.0	5.2~11.6
 ZXYDA1326	26.0*13.0*14.5	5.6~22.0	5.3~10.0	4.2~13.0	9.5~12.0
 ZXYDA1407	14.0*7.6*16.0	6.8~22.0	11.0~12.0	6.8~21.0	8.0~8.5
 ZXYDA1409	14.0*9.6*16.0	4.7~33.0	6.0~14.5	6.2~21.0	7.0~14.0
 ZXYDA1415	15.5*14.0*16.0	4.7~22.0	7.1~17.5	8.3~19.0	6.8~13.0
 ZXYDA1521	21.5*15.5*16.0	10.0~22.0	9.0~20.0	10.0~14.0	5.2~7.2
 ZXYDA1715	17.0*15.0*19.3	10.0~33.0	16.0	8.0~30.0	8.2
 ZXYDA1715F	17.0*15.0*19.3	7.0~33.0	7.9~9.4	8.0~36.0	17.0~21.0

- 1.All data is tested based on 25℃ ambient temperature.
- 2.Inductance measure condition at 1kHz,1V.
- 3.Saturation current: the actual value of DC current when the inductance decrease 25% of its initial value
- 4.Temperature rise current the actual value of DC current when the temperature rise is ΔT40℃ (Ta=25).



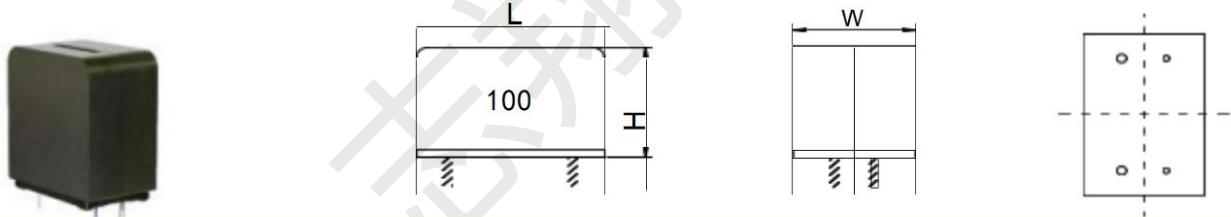
Type Name	L*W*H (mm)	Inductance (uH)	DC Resistance (mΩ)	DC Saturation Current (A)	Temperature Rise Current (A)
	Typical	±20%	Max	Drop 10% (typ.)	ΔT 40°C (typ.)
 ZXYDA2616	26.9*16.5*22.3	3.3~33.0	2.0	7.0~85.0	33.7

- 1.All data is tested based on 25℃ ambient temperature.
- 2.Inductance measure condition at 100kHz,1V.
- 3.Saturation current: the actual value of DC current when the inductance decrease 10% of its initial value
- 4.Temperature rise current the actual value of DC current when the temperature rise is ΔT40℃ (Ta=25).



Type Name	L*W*H (mm)	Inductance (uH)	DC Resistance (mΩ)	DC Saturation Current (A)	Temperature Rise Current (A)
	Typical	±20%	Max	Drop 25% (typ.)	ΔT 40℃ (typ.)
 ZXYDA1219	11.5*11.0*18.5	10.0~22.0	37.0 ~60.0	5.0~8.0	2.4 ~3.5
 ZXYDA1623	16.0*13.5*22.5	10.0~22.0	12.0~31.0	10.0~15.0	3.8 ~6.4
 ZXYDA2315	23.0*14.5*23.0	10.0~33.0	7.9~8.6	14.0 ~38.0	13.0 ~14.0
 ZXYDA2320	23.0*20.0*23.0	10.0~33.0	9.6	12.0~43.0	14.0

- 1.All data is tested based on 25℃ ambient temperature.
- 2.Inductance measure condition at 100kHz,1V.
- 3.Saturation current: the actual value of DC current when the inductance decrease 10% of its initial value
- 4.Temperature rise current the actual value of DC current when the temperature rise is ΔT40℃ (Ta=25).



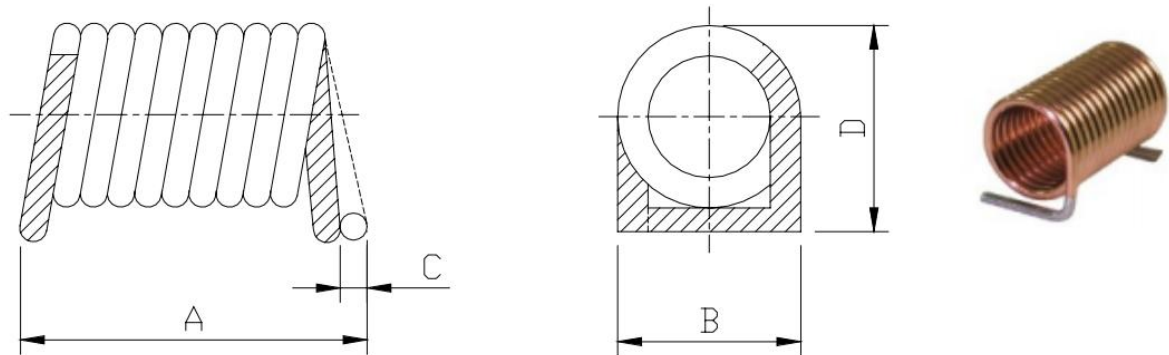
Type Name	L*W*H (mm)	Inductance (uH)	DC Resistance (mΩ)	DC Saturation Current (A)	Temperature Rise Current (A)
	Typical	±20%	Max	Drop 25% (typ.)	ΔT 40℃ (typ.)
 ZXYDA3119	31.0*19.0*32.0	5.0~33.0	3.0 ~6.9	22.0 ~62.0	15.5 ~28.0

- 1.All data is tested based on 25℃ ambient temperature.
- 2.Inductance measure condition at 100kHz,1V.
- 3.Saturation current: the actual value of DC current when the inductance decrease 10% of its initial value
- 4.Temperature rise current the actual value of DC current when the temperature rise is ΔT40℃ (Ta=25).

Air Coil Inductor

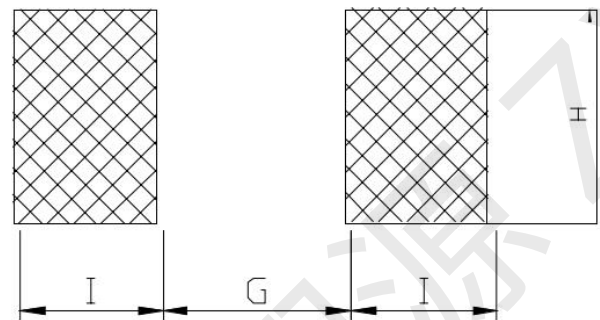
--SMD Circular Air coil

SHAPES AND DIMENSIONS UNIT : mm



A=2.2 Max. B=1.6 Max. C=0-0.3 D=1.9 Max.

RECOMMENDED PATTERN UNIT : mm



G=0.75±0.1 H=1.78 Ref. I=0.75±0.05

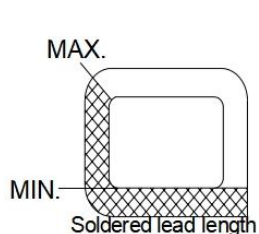
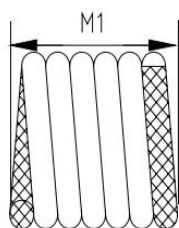
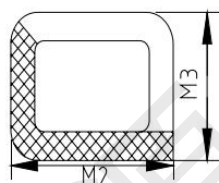
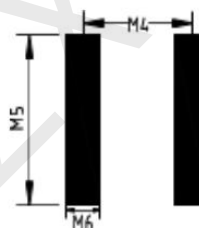
PART NUMBER	INDUCTANC E (nH)	TEST	Q.	DCR	SRF	I _{rms}
		FREQ.	(Min.	(mΩ	(MHz)	(mA)
		(MHZ)	)	(Max)	(Min.)	(Max)
ZXYAC1608-3N9K	3.9±10%	300	80	3.0	3000	950
ZXYAC1608-4N7K	4.7±10%	300	80	3.6	3000	900
ZXYAC1608-5N6K	5.6±10%	300	80	3.8	3000	950
ZXYAC1608-6N8K	6.8±10%	300	80	4.5	3000	900
ZXYAC1608-8N2K	8.2±10%	300	80	5.3	3000	840
ZXYAC1608-10NK	10±10%	300	70	6.9	3000	600
ZXYAC1608-12NK	12±10%	300	70	8.3	3000	600
ZXYAC1608-15NK	15±10%	300	70	11.5	2500	500

ZXYAC1608-18NK	18±10%	300	70	12.8	2500	500
ZXYAC1608-22NK	22±10%	300	70	11.3	2400	550
ZXYAC1608-27NK	27±10%	300	70	17.0	1600	500
ZXYAC1608-33NK	33±10%	300	70	26.9	1600	320
ZXYAC1608-39NK	39±10%	300	70	30.7	1500	320
ZXYAC1608-47NK	47±10%	300	70	34.5	1500	320
ZXYAC1608-56NK	56±10%	300	70	38.4	1300	320

--SMD Square Air Coil

SHAPE AND DIMENSIONS (UNIT:mm) :

RECOMMENDED PATTERNS:



Part Number	M1	M2	M3	M4	M5	M6	Weight (mg)	Tape pocket Depth (mm)
ZXYAC0806-5N5J	1,346±0 102	1,829±0 254	1,397±0,102	0,962	2,6	0,51	9,9	1,42
ZXYAC0806-6N0J	1,295±0,102	1,829±0,254	1,397±0,102	1,02	2,6	0,51	8,5	1,42
ZXYAC0806-8N9J	1 626±0 152	1,829±0 254	1,397±0 102	1,32	2 6	0 51	10 8	1 55
ZXYAC0806-12NJ	1,930±0,152	1,829±0,254	1,397±0,102	1,63	2,6	0,51	13,6	1,52
ZXYAC0806-16NJ	2,286±0,152	1,829±0,254	1,397±0,102	1,96	2,6	0,51	16,1	1,50
ZXYAC0806-19NJ	2,591±0,152	1,829±0,254	1,397±0,102	2,29	2,6	0,51	18,7	1,55
ZXYAC0807-6N9J	1,295±0,102	1,829±0,254	1,524±0,254	1,02	2,6	0,51	9,1	1,60
ZXYAC0807-10NJ	1,626±0152	1,829±0254	1,524±0254	1,32	2,6	0,51	11,5	1,57
ZXYAC0807-11NJ	1,549±0,152	1,829±0,254	1,524±0,254	1,24	2,6	0,51	11,5	1,55
ZXYAC0807-14NJ	1,930±0152	1,829±0254	1,524±0254	1,63	2,6	0,51	14,0	1,60

ZXYAC0807-17NJ	2,286±0,152	1,829±0,254	1,524±0,254	1,96	2,6	0,51	16,8	1,68
ZXYAC0807-22NJ	2,591±0,152	1,829±0,254	1,524±0,254	2,29	2,6	0,51	19,4	1,68
ZXYAC0908-8N1J	1,473±0,152	2,134±0,152	1,829±0,203	1,12	2,8	0,64	12,8	2,01
ZXYAC0908-12NJ	1,854±0,152	2,134±0,152	1,829±0,203	1,45	2,8	0,64	16,9	1,96
ZXYAC0908-14NJ	1,549±0,152	2,134±0,152	1,829±0,203	1,24	2,8	0,64	13,5	1,52
ZXYAC0908-17NJ	2,210±0,152	2,134±0,152	1,829±0,203	1,83	2,8	0,64	21,1	2,01
ZXYAC0908-22NJ	2,565±0,152	2,134±0,152	1,829±0,203	2,18	2,8	0,64	24,7	1,98
ZXYAC0908-23NJ	2,235±0,152	2,134±0,152	1,829±0,203	1,90	2,8	0,64	19,2	1,98
ZXYAC0908-25NJ	2,972±0,152	2,134±0,155	1,829±0,206	2,57	2,8	0,64	27,6	2,01
ZXYAC0908-27NJ	2,972±0,152	2,134±0,152	1,829±0,203	2,57	2,8	0,64	28,7	2,01

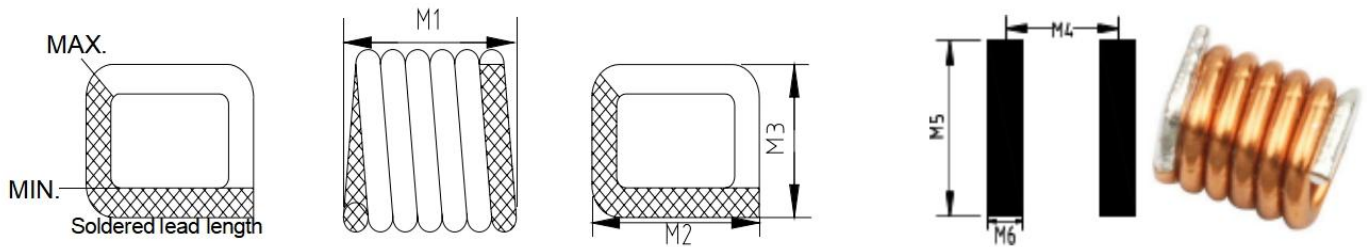
Electrical Characteristics @25°C

Part number	Inductance (nH)	tol	Q typ	SRF typ (GHz)	DCR _{max} (mOhm)	Irms (A)
ZXYAC0806-5N5J	5.5	±5%	60	4.9	3.4	2.9
ZXYAC0806-6N0J	6.0	±5%	64	5.2	6.0	2.9
ZXYAC0806-8N9J	8.9	±5%	90	4.3	7.0	2.9
ZXYAC0806-12NJ	12.3	±5%	90	4.8	8.0	2.9
ZXYAC0806-16NJ	15.7	±5%	90	4.4	9.0	2.9
ZXYAC0806-19NJ	19.4	±5%	90	4.0	10.0	2.9
ZXYAC0807-6N9J	6.9	±5%	100	4.6	6.0	2.7
ZXYAC0807-10NJ	10.2	±5%	100	4.0	7.0	2.7
ZXYAC0807-11NJ	11.2	±5%	90	3.6	6.3	2.7
ZXYAC0807-14NJ	13.7	±5%	100	4.3	8.0	2.7
ZXYAC0807-17NJ	17.0	±5%	100	4.0	9.0	2.7
ZXYAC0807-22NJ	22.0	±5%	100	3.5	10.0	2.7
ZXYAC0908-8N1J	8.1	±5%	130	5.2	6.0	4.4
ZXYAC0908-12NJ	12.1	±5%	130	4.3	7.0	4.4
ZXYAC0908-14NJ	14.7	±5%	90	3.0	7.2	4.4
ZXYAC0908-17NJ	16.6	±5%	130	3.4	8.0	4.4
ZXYAC0908-22NJ	21.5	±5%	130	3.7	9.0	4.4
ZXYAC0908-23NJ	23.0	±5%	120	2.6	10.0	4.4
ZXYAC0908-25NJ	25.0	±5%	130	2.5	10.0	4.4
ZXYAC0908-27NJ	27.3	±5%	130	3.2	10.0	4.4

※Inductance measured at 400 MHz, 0.1 Vrms, Q measured at 400 MHz

SHAPE AND DIMENSIONS (UNIT:mm) :

RECOMMENDED PATTERNS:



Part Number	M1	M2	M3	M4	M5	M6
ZXYAC1111-27~30NJ	2.67±0.254	2.67±0.127	2.79±0.127	2.29	3.05	1.02
ZXYAC1111-33~39NJ	2.92±0.254	2.67±0.127	2.79±0.127	2.54	3.05	1.02
ZXYAC1111-43~47NJ	3.30±0.254	2.67±0.127	2.79±0.127	2.79	3.05	1.02
ZXYAC1515-Series	4.06±0.254	3.56±0.178	3.73±0.178	3.56	4.45	1.78
ZXYAC2222-Series	5.21±0.381	5.46±0.254	5.69±0.254	4.70	6.35	2.16
ZXYAC2929-R33J	10.29±0.381	7.49±0.254	7.24±0.254	9.53	8.26	2.29
ZXYAC2929-R36J	11.30±0.381	7.49±0.254	7.24±0.254	10.54	8.26	2.29
ZXYAC2929-R39J	12.32±0.381	7.49±0.254	7.24±0.254	11.56	8.26	2.29
ZXYAC2929-R43J	13.21±0.381	7.49±0.254	7.24±0.254	12.45	8.26	2.29
ZXYAC2929-R50J	14.00±0.381	7.49±0.254	7.24±0.254	13.21	8.26	2.29

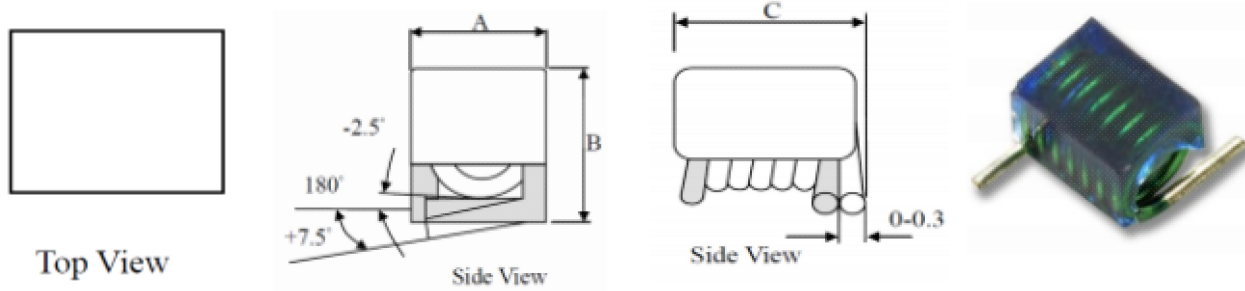
Electrical Characteristics @25°C:

PART NO.	Inductance (nH)	Q (MIN)	Test Freq (MHz)	DCR MAX (mΩ)	SRF (GHz) TYP	Rated current(A) MAX
ZXYAC1111-27NJ	27	200	400	8.1	2.6	5.5
ZXYAC1111-30NJ	30	200	400	8.3	2.4	5.5
ZXYAC1111-33NJ	33	200	400	9.5	2.3	4.8
ZXYAC1111-36NJ	36	200	400	9.8	2.3	4.8
ZXYAC1111-39NJ	39	200	400	10.0	2.2	4.8
ZXYAC1111-43NJ	43	200	400	10.8	2.2	4.4
ZXYAC1111-47NJ	47	200	400	11.3	2.2	4.4
ZXYAC1515-47NJ	47	230	400	6.35	1.87	4.90
ZXYAC1515-68NJ	68	230	400	8.60	2.13	5.50

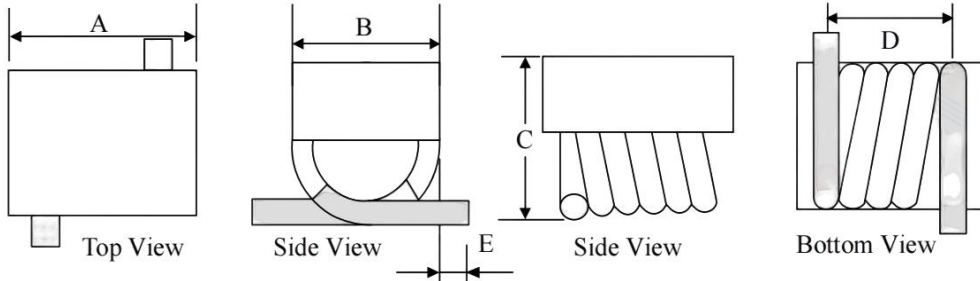
ZXYAC1515-82NJ	82	230	400	9.40	1.79	5.60
ZXYAC2222-90NJ	90	140	50	5.50	1.15	5.00
ZXYAC2222-R11J	110	140	50	6.50	1.00	5.70
ZXYAC2222-R13J	130	140	50	7.50	1.00	5.40
ZXYAC2222-R16J	160	140	50	8.25	1.00	5.70
ZXYAC2222-R18J	180	140	50	9.50	1.10	5.00
ZXYAC2222-R22J	220	140	50	11.0	1.00	5.00
ZXYAC2222-R27J	270	140	50	12.5	0.80	4.30
ZXYAC2222-R30J	330	150	50	13.8	0.72	3.70
ZXYAC2929-R33J	330	180	50	12.5	0.66	4.70
ZXYAC2929-R36J	360	180	50	13.5	0.62	4.50
ZXYAC2929-R39J	390	180	50	14.5	0.59	4.40
ZXYAC2929-R43J	430	180	50	15.5	0.55	4.20
ZXYAC2929-R50J	500	180	50	16.5	0.50	4.30

--SMD Flat Top Air Core Inductor

Dimensions & Configurations (Unit:mm):



Type	A (max)	B (max)	C±0.2
ZXYAM0603	1.80	2.00	2.00
ZXYAM0805	1.80	2.10	2.85
ZXYAM1008	1.90	2.20	3.20



Type	A	B	C	D	E
ZXYAM2215	2.2 ± 0.3	1.4 ± 0.2	1.4 ± 0.2	1.8 ± 0.3	0.9 ± 0.3
ZXYAM4015	4.0 ± 0.3	1.4 ± 0.2	1.4 ± 0.2	3.5 ± 0.3	0.9 ± 0.3
ZXYAM1006	9.0(max)	4.4 ± 0.3	5.8 ± 0.2	8.0 ± 0.5	1.3 ± 0.4
ZXYAM0403	3.3 ± 0.3	2.60 ± 0.2	2.70 ± 0.2	2.90 ± 0.3	0.70 ± 0.2
ZXYAM0703	6.30 ± 0.3	3.60 ± 0.2	3.70 ± 0.2	5.80 ± 0.3	0.70 ± 0.2
ZXYAM0504	4.90 ± 0.3	3.50 ± 0.2	3.50 ± 0.2	4.30 ± 0.4	1.00 ± 0.3

Electrical Characteristics @25°C:

Part Number	Inductance (L) (nH)	Q (MIN)	Test Freq (MHz)	DCR MAX (mΩ)	SRF (MHz) (min)	IDC (mA) MAX
ZXYAM0603-3N9J	3.9	80	300	2.6	>3000	1200
ZXYAM0603-4N7J	4.7	80	300	3.6	>3000	900
ZXYAM0603-5N6J	5.6	80	300	3.7	>3000	950
ZXYAM0603-6N8J	6.8	80	300	4.5	>3000	900
ZXYAM0603-8N2J	8.2	80	300	5.3	>3000	840
ZXYAM0603-10NJ	10.0	70	300	5.4	>3000	900
ZXYAM0603-12NJ	12.0	70	300	6.3	>3000	900
ZXYAM0603-15NJ	15.0	70	300	7.2	2500	900
ZXYAM0603-18NJ	18.0	70	300	12.5	2500	500
ZXYAM0603-22NJ	22.0	70	300	12.9	2400	550
ZXYAM0603-27NJ	27.0	70	300	14.5	1600	550
ZXYAM0603-33NJ	33.0	70	300	18.7	1600	500
ZXYAM0603-39NJ	39.0	70	300	25.7	1500	380
ZXYAM0603-47NJ	47.0	70	300	34.5	1500	320
ZXYAM0603-56NJ	56.0	70	300	38.4	1300	320

Electrical Characteristics @25°C:

Part Number	Inductance (L) (nH)	Q (MIN)	Test Freq (MHz)	DCR MAX (mΩ)	SRF (MHz) (min)	IDC (mA) MAX
ZXYAM0805-3N9J	3.9	80	300	2.6	>3000	1200
ZXYAM0805-4N7J	4.7	80	300	3.6	>3000	900
ZXYAM0805-5N6J	5.6	80	300	3.7	>3000	950
ZXYAM0805-6N8J	6.8	80	300	4.5	>3000	900
ZXYAM0805-8N2J	8.2	80	300	5.3	>3000	840
ZXYAM0805-10NJ	10.0	70	300	5.4	>3000	900
ZXYAM0805-12NJ	12.0	70	300	6.3	>3000	900
ZXYAM0805-15NJ	15.0	70	300	7.2	2500	900
ZXYAM0805-18NJ	18.0	70	300	12.5	2500	500
ZXYAM0805-22NJ	22.0	70	300	12.9	2400	550
ZXYAM0805-27NJ	27.0	70	300	14.5	1600	550
ZXYAM0805-33NJ	33.0	70	300	18.7	1600	500
ZXYAM0805-39NJ	39.0	70	300	25.7	1500	380
ZXYAM0805-47NJ	47.0	70	300	34.5	1500	320
ZXYAM0805-56NJ	56.0	70	300	38.4	1300	320
ZXYAM0805-68NJ	68.0	70	300	42.2	1300	320

Part Number	Inductance (L) (nH)	Q (MIN)	Test Freq (MHz)	DCR MAX (mΩ)	SRF (MHz) (min)	IDC (mA) MAX
ZXYAM1008-6N8J	6.8	80	300	4.0	>3000	1200
ZXYAM1008-8N2J	8.2	80	300	5.0	>3000	950
ZXYAM1008-10NJ	10.0	70	300	6.0	>3000	950
ZXYAM1008-12NJ	12.0	70	300	6.5	>3000	900
ZXYAM1008-15NJ	15.0	70	300	7.3	>2500	900
ZXYAM1008-18NJ	18.0	70	300	9.6	>2500	840
ZXYAM1008-22NJ	22.0	70	300	10.8	>2400	840
ZXYAM1008-27NJ	27.0	70	300	13.9	>1600	600
ZXYAM1008-33NJ	33.0	70	300	19.5	>1600	500
ZXYAM1008-39NJ	39.0	70	300	21.6	>1500	500
ZXYAM1008-47NJ	47.0	70	300	25.2	>1500	470
ZXYAM1008-56NJ	56.0	70	300	27.5	>1300	470
ZXYAM1008-68NJ	68.0	70	300	37.1	>1300	380
ZXYAM1008-82NJ	82.0	70	300	51.5	>1000	320
ZXYAM1008-100NJ	100.0	70	300	55.5	>1000	320
ZXYAM1008-120NJ	120.0	70	300	63.4	>950	320

Part Number	Inductance (L) (nH)	Q (MIN)	Test Freq (MHz)	DCR MAX (mΩ)	SRF (MHz) (min)	IDC (mA) MAX
ZXYAM2215-1N6J	1.65	100	800	4	>3000	1600
ZXYAM2215-2N5J	2.55	100	800	5	>3000	1600
ZXYAM2215-3N8J	3.85	100	800	6	>3000	1600
ZXYAM2215-5N4J	5.45	100	800	8	>3000	1600

Part Number	Inductance (L) (nH)	Q (MIN)	Test Freq (MHz)	DCR MAX (mΩ)	SRF (MHz) (min)	IDC (mA) MAX
ZXYAM4015- 5N6J	5.6	100	800	9	>3000	1600
ZXYAM4015- 7N1J	7.15	100	800	10	>3000	1600
ZXYAM4015- 8N8J	8.8	100	800	12	>3000	1600
ZXYAM4015- 9N8J	9.85	100	800	13	>3000	1600
ZXYAM4015-12N5J	12.55	100	800	14	>3000	1600

Electrical Characteristics @25°C:

Part Number	(A) Max	Inductance (L) (nH)	Q (min)	Test Freq (MHz)	DCR MAX (mΩ)	SRF (MHz) (min)
ZXYAM0403-2N5J	4	2.5	145	150	1.1	>3.0
ZXYAM0403-5N0J	4	5	140	150	1.8	>3.0
ZXYAM0403-8N0J	4	8	140	150	2.6	>3.0
ZXYAM0403-12N5J	4	12.5	137	150	3.4	>3.0
ZXYAM0403-18N5J	4	18.5	132	150	3.9	>2.5

Part Number	(A) Max	Inductance (L) (nH)	Q (min)	Test Freq (MHz)	DCR MAX (mΩ)	SRF (MHz) (min)
ZXYAM7030-17N5J	4	17.5	100	150	4.5	>2.2
ZXYAM7030-22NJ	4	22	100	150	5.2	>2.0
ZXYAM7030-28NJ	4	28	100	150	6	>1.8



ZXYAM7030-35N5J	4	35.5	100	150	6.8	>1.2
ZXYAM7030-43N5J	4	43.5	100	150	7.9	>1.0

Part Number	(A) Max	Inductance (L) (nH)	Q (min)	Test Freq (MHz)	DCR MAX (mΩ)	SRF (MHz) (min)
ZXYAM0504- 22NJ	3.0	22	100	150	4.2	3.2
ZXYAM0504- 27NJ	3.5	27	100	150	4.0	2.7
ZXYAM0504 - 33NJ	3.0	33	100	150	4.8	2.5
ZXYAM0504 - 39NJ	3.0	39	100	150	4.4	2.1
ZXYAM0504 - 47NJ	3.0	47	100	150	5.6	2.1
ZXYAM0504 - 56NJ	3.0	56	100	150	6.2	1.5
ZXYAM0504 - 68NJ	2.5	68	100	150	8.2	1.5
ZXYAM0504 - 82NJ	2.5	82	100	150	9.4	1.3
ZXYAM0504 - 100NJ	1.7	100	100	150	12.3	1.2
ZXYAM0504 - 120NJ	1.5	120	100	150	17.3	1.1
ZXYAM0504 - 150NJ	1.2	150	100	150	33.0	0.75

Part Number	(A) Max	Inductance (L) (nH)	Q (min)	Test Freq (MHz)	DCR MAX (mΩ)	SRF (MHz) (min)
ZXYAM1006-90NJ	3.5	90	100	50	15	>1.0
ZXYAM1006-111NJ	3.5	111	100	50	15	>1.0
ZXYAM1006-130NJ	3.0	130	100	50	20	>0.9
ZXYAM1006-169NJ	3.0	169	100	50	25	>0.8
ZXYAM1006-206NJ	3.0	206	100	50	30	>0.7
ZXYAM1006-222NJ	3.0	222	100	50	35	>0.6
ZXYAM1006-246NJ	3.0	246	100	50	35	>0.6
ZXYAM1006-307NJ	3.0	307	100	50	35	>0.5
ZXYAM1006-380NJ	2.5	380	100	50	50	>0.5

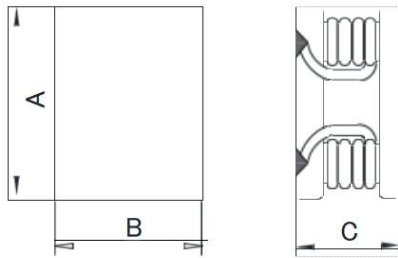
ZXYAM1006-422NJ	2.5	422	100	50	60	>0.4
ZXYAM1006-491NJ	2.0	491	100	50	65	>0.4
ZXYAM1006-538NJ	2.0	538	100	50	90	>0.4

Notes:

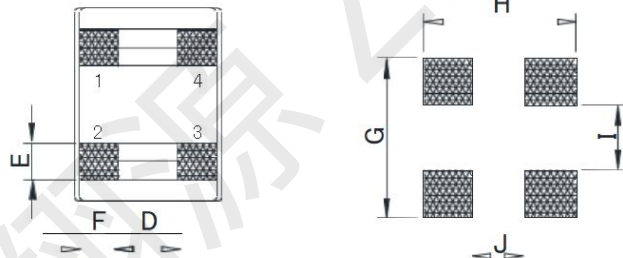
- 1.Operating temperature Range: -45 °C~+85 °C.
- 2.Storage temperature range: -55 °C to +105°C

Common Mode Filter

Dimension (Unit:mm)



Recommended Land Pattern



TYPE	A±0.5	B±0.5	C Max	D Typ	E Typ	F Typ	G	H	I	J
ZXYCMF75 60	7.5	6.0	3.7	2.0	2.5	1.5	8.5	7.0	1.5	1.0
ZXYCMF10 80	10.0	8.0	5.5	3.2	2.8	1.8	11. 0	9.0	3.4	2.2
ZXYCMF12 10	12.0	10.0	6.5	3.8	2.5	2.5	13. 0	11. 0	3.0	2.6

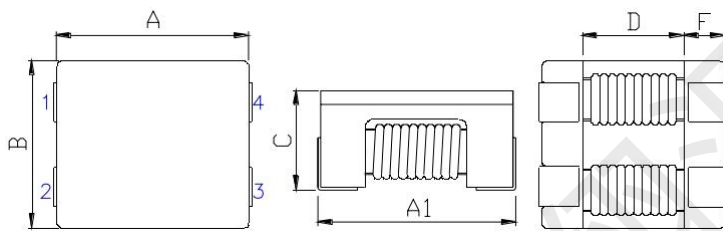
Specifications

Part Number	Common mode Impedance Z (Ω) 100MHz/0.5V		DCR (mΩ) Max.	IDC (A) Max.	Wire P180 G1	MARK
ZXYCMF7560-201	200 Min	250 Typ	20	2.0	ψ0.32	201
ZXYCMF7560-301	300 Min	500 Typ	25	2.0	ψ0.30	301

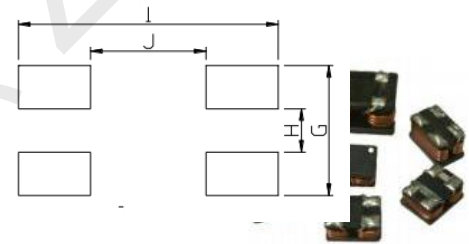
ZXYCMF7560-601	600 Min	800 Typ	30	2.0	ψ 0.30	601
ZXYCMF1080-501	500 Min	550 Typ	10	5.0	ψ 0.55	551
ZXYCMF1080-601	600 Min	700 Typ	30	4.5	ψ 0.50	601
ZXYCMF1080-701	700 Min	800 Typ	30	4.5	ψ 0.50	701
ZXYCMF1080-801	800 Min	1000 Typ	45	4.0	ψ 0.40	102
ZXYCMF1210-701	700 Min	900 Typ	12	6.0	ψ 0.60	701
ZXYCMF1210-801	800 Min	1200 Typ	20	5.0	ψ 0.50	801
ZXYCMF1210-102	1000 Min	1200 Typ	20	5.0	ψ 0.50	102
ZXYCMF1210-122	1200 Min	1400 Typ	36	4.0	ψ 0.45	132

- (1).IDC1: Temp.rise 40℃Typ
- (2).Operating temp.: -40℃ to +125℃
- (3).Storage temp.: -40℃ to +125℃

Dimension (Unit:mm)



Recommended Land Pattern



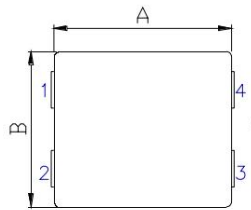
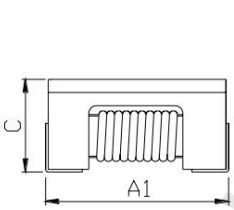
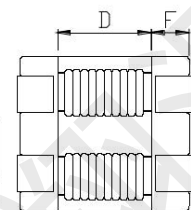
TYPE	A $\pm$ 0.5	A1 $\pm$ 0.5	B $\pm$ 0.5	C Max	D Typ	E Typ	F Typ	G	H	I	J
	8										
ZXYCMF7060	7.0	7.5	6.0	4.0	3.5	1.5	1.7	5.0	1.5	8.0	3.0
ZXYCMF9070	9.0	9.5	7.0	5.0	5.7	1.5	1.7	6.0	1.5	10.5	5.0

Specifications

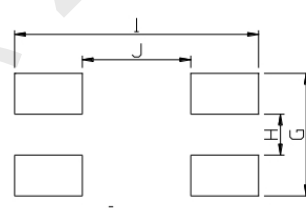
Part Number	Impedance (Ohm) Typ.(Min.)	DCR (mohm) Max.	Rated Current (A) Max.	Insulation resistance (M Ω)min.	Rated voltage (Vdc) max.	Test Frequency (Hz)
ZXYCMF7060-400	70(40)	5	15.0	10	125	100M
ZXYCMF7060-101	140(100)	10	9.0	10	125	100M

ZXYCMF7060-301	300(225)	10	5.0	10	125	100M
ZXYCMF7060-501	450(275)	10	5.0	10	125	100M
ZXYCMF7060-601	700(500)	15	4.0	10	125	100M
ZXYCMF7060-701	700(500)	15	4.0	10	125	100M
ZXYCMF7060-102	1020(800)	17	3.0	10	125	100M
ZXYCMF7060-132	1300(910)	21	2.5	10	125	100M
ZXYCMF7060-272	2700(2000)	63	1.0	10	125	100M
ZXYCMF7060-302	3000(2500)	75	0.9	10	125	100M
ZXYCMF9070-301	300(225)	6	6.0	10	80	100M
ZXYCMF9070-501	600(450)	8	5.5	10	80	100M
ZXYCMF9070-701	700(500)	10	5.0	10	80	100M
ZXYCMF9070-102	1000(750)	13	4.0	10	80	100M
ZXYCMF9070-152	1500(1000)	35	2.8	10	80	100M
ZXYCMF9070-222	2200(1700)	50	3.0	10	80	100M
ZXYCMF9070-272	2700(2000)	80	2.0	10	80	100M

Dimension (Unit:mm)



Recommended Land Pattern

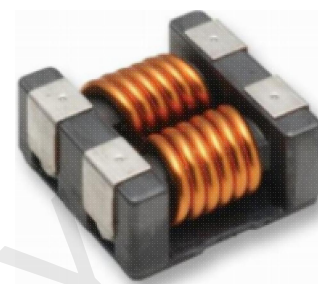


TYPE	A ± 0.5	A1 ± 0.8	B ± 0.5	C Max	D Typ	E Typ	F Typ	G	H	I	J
ZXYCMF1211	12.0	12.5	10.8	6.5	7.0	2.7	2.5	8.5	2.0	12.5	6.5
ZXYCMF1513	15.0	15.5	13.0	6.2	9.0	2.7	3.0	9.5	3.3	16.0	8.0

Specifications

Part Number	Impedance (Ohm) Typ.(Min.)	DCR (mohm) Max.	Rated Current (A) Max.	Insulation resistance (M Ω)min.	Rated voltage (Vdc) max.	Test Frequency (Hz)
ZXYCMF1211-800	230(80)	2	10.0	10	125	100M
ZXYCMF1211-701	700(500)	6	8.0	10	125	100M
ZXYCMF1211-801	800(600)	8	8.0	10	125	100M

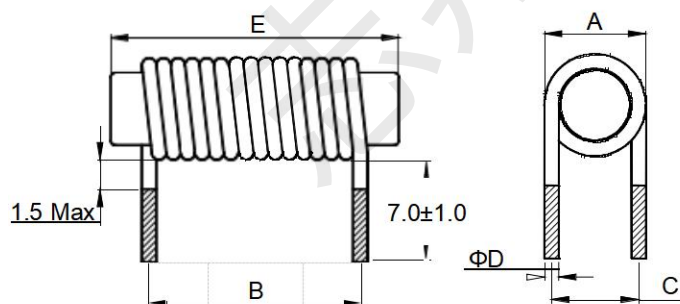
ZXYCMF1211-102	1000(750)	14	6.0	10	125	100M
ZXYCMF1211-222	2500(2200)	35	1.8	10	125	100M
ZXYCMF1211-272	2700(2300)	50	5	10	125	100M
ZXYCMF1513-301	300(250)	5	13.0	10	80	100M
ZXYCMF1513-551	550(450)	6	10.0	10	80	100M
ZXYCMF1513-701	700(500)	7	10.0	10	80	100M



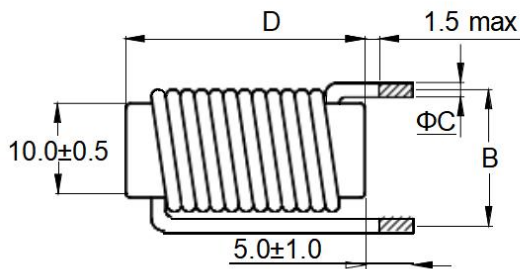
Rod Choke Inductor

--ARA Series

Appearance and dimensions (mm)



--KRA Series



All data is tested based on 25°C ambient temperature.

1. Inductance measure condition at 1kHz, 0.25V.
2. Saturation current: the actual value of DC current when the inductance decrease 20% of its initial value.
3. Temperature rise current: the actual value of DC current when the temperature rise is $\Delta T 40^{\circ}\text{C}$ ($T_a=25^{\circ}\text{C}$).
4. Special remind: Circuit design, component placement, PWB size and thickness, cooling system and etc. all will affect the product temperature. Please verify the product temperature in the final application.

ARA Series Electrical Characteristics @1.0KHz/0.3V, 25°C:

TYP E	L(μH)	ARA0315							ARA0515						
		Isat (A)Max	DCR (mΩ)Max	A Max	B±1.0	C±0.5	D±0.15	E±0.5	Isat (A)Max	DCR(m Ω)Max	A Max	B±1.0	C±0.5	D±0.15	E±0.5
2R0M	2.0								14.50	5.38	7.80	12.50	6.15	1.10	15.00
2R2M	2.2	5.20	9.70	5.20	9.00	3.70	0.70	15.00							
3R3M	3.3	4.50	13.20	4.90	10.50	3.60	0.65	15.00	12.00	9.90	7.30	13.50	5.95	0.90	15.00
4R7M	4.7	3.20	19.20	4.80	13.00	3.60	0.60	15.00	10.00	18.30	6.90	12.50	5.75	0.70	15.00
5R0M	5.0								8.50	19.80	6.80	11.50	5.70	0.65	15.00
6R8M	6.8	2.80	37.10	4.60	11.50	3.50	0.45	15.00	8.00	28.60	6.70	13.00	5.65	0.60	15.00
8R2M	8.2								7.60	43.00	6.80	11.50	5.55	0.50	15.00
100M	10.0	2.50	55.80	4.30	13.00	3.40	0.40	15.00	7.00	47.60	6.80	13.50	5.55	0.50	15.00

TYP E	L(μH)	ARA0525							ARA0625						
		Isat (A)Max	DCR (mΩ)Max	A Max	B±1.0	C±0.5	D±0.15	E±0.5	Isat (A)Max	DCR(m Ω)Max	A Max	B±1.0	C±0.5	D±0.15	E±0.5



3R0M	3.0								16.00	2.84	10.00	19.50	7.75	1.70	25.00
3R8M	3.8								15.20	3.65	9.80	22.00	7.65	1.60	25.00
4R7M	4.7	9.20	5.60	8.20	21.00	6.35	1.30	25.00	13.60	5.02	9.50	21.00	7.45	1.40	25.00
5R0M	5.0	8.80	5.90	8.20	22.50	6.35	1.30	25.00	13.20	5.79	9.20	19.50	7.35	1.30	25.00
6R8M	6.8	7.60	9.30	7.80	23.00	6.15	1.10	25.00	11.60	8.23	9.00	22.00	7.25	1.20	25.00
8R2M	8.2	6.80	11.60	7.50	22.00	6.05	1.00	25.00	10.50	12.30	8.50	19.50	7.05	1.00	25.00
100M	10.0	6.00	15.20	7.30	21.00	5.95	0.90	25.00	9.60	17.90	8.50	20.00	6.95	0.90	25.00
150M	15.0	4.80	30.30	6.90	20.50	5.75	0.70	25.00	7.60	34.20	8.00	19.00	6.75	0.70	25.00
220M	22.0	3.60	49.10	6.80	22.00	5.65	0.60	25.00	6.50	56.40	7.80	21.00	6.65	0.60	25.00

TYP E	L(μH)	ARA0830							ARA1030						
		Isat (A)Max	DCR (mΩ)Max	A Max	B±1.0	C±0.5	D±0.15	E±0.5	Isat (A)Max	DCR(m Ω)Max	A Max	B±1.0	C±0.5	D±0.15	E±0.5
4R7M	4.7	16.80	3.54	12.20	22.50	9.90	1.80	30.00							
5R6M	5.6	15.20	4.66	11.80	22.00	9.70	1.60	30.00							
6R8M	6.8	12.80	6.47	11.60	21.00	9.50	1.40	30.00							
8R2M	8.2	11.20	8.10	11.20	21.00	9.40	1.30	30.00	25.00	6.43	14.50	25.50	12.00	1.60	30.00
100M	10.0	9.60	10.60	10.90	22.00	9.30	1.20	30.00	22.50	10.20	14.00	22.50	11.70	1.30	30.00
150M	15.0	8.00	18.40	10.60	23.00	9.10	1.00	30.00	19.00	17.80	13.50	24.00	11.50	1.10	30.00
220M	22.0	7.20	32.80	10.20	22.50	8.90	0.80	30.00	15.50	26.40	13.50	28.00	11.40	1.00	30.00

KRA Series Electrical Characteristics @1.0KHz/0.3V, 25℃:

TYPE	L(μH)	KRA0415						KRA0520					
		Isat (A)Max	DCR (mΩ)Max	A Max	B±1.0	C±0.15	D±0.5	Isat (A)Max	DCR(m Ω)Max	A Max	B±1.0	C±0.15	D±0.5
1R2M	1.2	13.20	2.76	7.00	8.50	1.30	15.00						
1R8M	1.8	9.60	5.56	6.50	7.50	1.00	15.00						
2R0M	2.0	9.00	8.00	6.50	7.50	1.00	15.00						
2R2M	2.2							12.00	3.13	8.50	10.00	1.40	20.00
3R3M	3.3	7.00	16.00	6.00	6.50	0.70	15.00	8.80	5.48	8.00	9.50	1.20	20.00
4R7M	4.7	7.20	20.30	6.00	6.00	0.60	15.00	8.50	10.60	7.50	8.50	0.90	20.00
5R6M	5.6	7.00	23.70	6.00	6.00	0.60	15.00	7.60	11.90	7.50	8.50	0.90	20.00
6R8M	6.8	6.00	34.20	6.00	6.00	0.50	15.00	7.20	15.50	7.20	8.00	0.80	20.00
7R2M	7.2	4.80	35.80	5.80	6.00	0.50	15.00	6.50	17.30	7.20	8.00	0.80	20.00
100M	10.0							5.60	27.40	6.90	7.00	0.70	20.00
150M	15.0							4.70	53.90	6.80	7.00	0.50	20.00

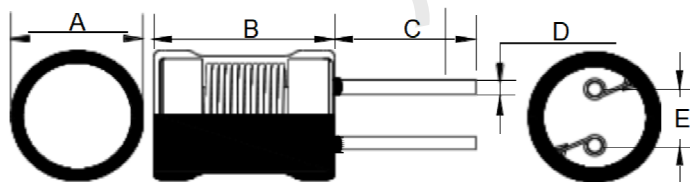
TYPE	L(μH)	KRA0615						KRA0620					
		Isat (A)Max	DCR (mΩ)Max	A Max	B±1.0	C±0.15	D±0.5	Isat (A)Max	DCR(m Ω)Max	A Max	B±1.0	C±0.15	D±0.5

1R0M	1.0	19.20	2.23	9.60	11.50	1.50	15.00						
1R8M	1.8	18.50	5.00	8.80	10.00	1.10	15.00						
2R0M	2.0							16.80	2.87	9.80	13.50	1.60	20.00
2R2M	2.2	16.80	6.90	8.80	10.00	1.10	15.00						
3R3M	3.3	15.20	10.90	8.50	9.20	0.90	15.00	14.50	5.90	9.00	11.50	1.20	20.00
4R7M	4.7	12.50	21.30	8.00	8.50	0.70	15.00	12.50	9.60	8.50	10.50	1.00	20.00
5R0M	5.0	12.00	22.40	8.00	8.50	0.70	15.00						
6R8M	6.8	11.20	32.20	7.80	8.20	0.60	15.00	10.50	14.00	8.30	10.50	0.90	20.00
8R2M	8.2	10.00	39.80	7.80	8.20	0.60	15.00	9.20	19.30	8.20	10.00	0.80	20.00
100M	10.0	8.80	59.80	7.60	8.00	0.50	15.00	8.00	28.70	8.00	10.00	0.70	20.00
150M	15.0	7.20	109.00	7.40	7.50	0.40	15.00	6.80	59.90	7.50	8.50	0.50	20.00
220M	22.0	6.00	174.00	7.20	7.00	0.40	15.00						

		KRA0630						KRA1025					
TYPE	L(μH)	Isat	DCR	A Max	B±1.0	C±0.15	D±0.5	Isat	DCR(m	A Max	B±1.0	C±0.15	D±0.5
		(A)Max	(m Ω)Max					(A)Max	Ω)Max				
3R3M	3.3							48.00	4.40	13.70	17.00	1.50	25.00
4R5M	4.5	13.20	3.50	10.20	14.50	1.80	30.00						
4R7M	4.7							41.50	6.06	13.50	16.50	1.40	25.00
5R6M	5.6	12.00	4.28	10.00	14.00	1.70	30.00	38.50	7.56	13.30	16.00	1.30	25.00
6R8M	6.8	11.20	6.00	9.50	12.50	1.40	30.00	33.50	11.40	12.90	15.00	1.10	25.00
7R5M	7.5	10.50	6.40	9.50	12.50	1.40	30.00						
8R2M	8.2	8.80	7.53	9.20	12.00	1.30	30.00	32.00	13.20	12.90	15.00	1.10	25.00
100M	10.0	8.50	9.98	9.00	11.50	1.20	30.00	28.00	16.80	12.70	14.50	1.00	25.00
150M	15.0	7.20	13.40	8.50	10.00	0.90	30.00	22.50	26.50	12.50	14.50	0.90	25.00
220M	22.0	6.00	32.00	8.20	10.00	0.80	30.00						

Pin Power Inductor

Appearance and dimensions (mm)



TYPE	A Max	B Max	C±2.0	D±0.1	E±0.5
DR2W0406	5.0	8.5	10.0	0.5	2.0
DR2W0507	6.0	9.5	10.0	0.6	2.5
DR2W0608	7.5	10.5	10.0	0.6	3.0
DR2W0810	9.5	12.5	10.0	0.6	5.0
DR2W0912	11.5	13.8	10.0	0.6	5.0
DR2W1016	12.5	18.5	10.0	0.8	6.0

Electrical Characteristics @1KHz/0.3V 25°C:

Part No.	L(μH)	DR2W0406		DR2W0507		DR2W0608		DR2W0810		DR2W0912		DR2W1016	
		Isat	DCR	Isat	DCR	Isat	DCR	Isat	DCR	Isat	DCR	Isat	DCR
		(A)Max	(Ω) Max	(A)Max	(Ω) Max	(A)Max	(Ω) Max	(A)Max	(Ω) Max	(A)Max	(Ω) Max	(A)Max	(Ω) Max
1R0N	1.0	3.44	0.017					8.40	0.007				

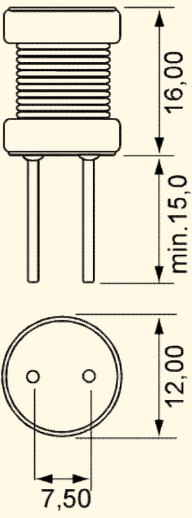
2R2N	2.2	2.32	0.026					5.76	0.010				
3R3N	3.3	2.00	0.032					4.64	0.013				
4R7N	4.7	1.60	0.044					4.00	0.015				
6R8N	6.8	1.30	0.064					3.52	0.017				
100M	10.0	1.12	0.088	1.84	0.050	1.92	0.034	2.96	0.025	3.84	0.021	10.30	0.026
120M	12.0	1.00	0.104	1.68	0.064	1.68	0.038	2.56	0.028	3.76	0.023	9.44	0.030
150M	15.0	0.91	0.140	1.36	0.072	1.56	0.049	2.32	0.031	3.52	0.027	8.00	0.033
180M	18.0	0.88	0.166	1.32	0.084	1.44	0.058	2.24	0.036	3.28	0.030	7.68	0.037
220M	22.0	0.82	0.180	1.12	0.101	1.24	0.062	1.96	0.044	2.56	0.034	6.72	0.041
270M	27.0	0.68	0.232	1.00	0.128	1.16	0.082	1.76	0.053	2.48	0.039	6.24	0.046
330M	33.0	0.64	0.270	0.96	0.144	1.02	0.098	1.64	0.057	2.24	0.049	5.60	0.049
390M	39.0	0.58	0.289	0.92	0.185	0.98	0.121	1.48	0.074	2.16	0.054	5.04	0.055
470M	47.0	0.57	0.385	0.88	0.207	0.88	0.137	1.28	0.085	1.88	0.069	4.72	0.062
560M	56.0	0.50	0.420	0.78	0.285	0.82	0.161	1.23	0.110	1.68	0.076	4.48	0.080
680M	68.0	0.47	0.534	0.72	0.319	0.77	0.196	1.09	0.124	1.60	0.086	3.92	0.089
820K	82.0	0.42	0.601	0.64	0.360	0.69	0.287	1.04	0.160	1.52	0.110	3.60	0.099
101K	100.0	0.38	0.793	0.60	0.473	0.58	0.315	0.92	0.192	1.32	0.125	3.20	0.130
121K	120.0	0.34	0.900	0.50	0.517	0.54	0.358	0.88	0.217	1.24	0.167	2.80	0.172
151K	150.0	0.31	1.028	0.45	0.697	0.45	0.463	0.76	0.252	1.16	0.195	2.64	0.198
181K	180.0	0.30	1.284	0.39	0.777	0.47	0.531	0.70	0.322	1.06	0.220	2.32	0.218
221K	220.0	0.26	1.423	0.36	0.886	0.45	0.636	0.64	0.373	0.92	0.278	2.08	0.295
271K	270.0	0.24	2.100	0.32	1.117	0.37	0.783	0.54	0.463	0.86	0.315	1.92	0.340
331K	330.0	0.22	2.400	0.30	1.305	0.34	0.947	0.51	0.529	0.78	0.399	1.76	0.423
391K	390.0	0.18	2.592	0.29	1.721	0.29	1.177	0.47	0.641	0.70	0.490	1.60	0.475
471K	470.0	0.18	3.468	0.26	1.921	0.28	1.325	0.42	0.802	0.66	0.572	1.44	0.573
561K	560.0	0.14	3.760	0.22	2.385	0.26	1.627	0.39	0.946	0.59	0.694	1.36	0.640
681K	680.0	0.14	5.136	0.22	2.731	0.23	1.873	0.38	1.255	0.49	0.866	1.24	0.832
821K	560.0	0.13	5.520	0.18	3.788	0.22	2.257	0.31	1.538	0.45	0.972	1.16	1.035
102K	1000.0	0.11	7.824	0.18	4.417	0.21	2.885	0.30	1.915	0.38	1.312	1.08	1.179
222K	2200.0							0.20	3.696				
472K	4700.0							0.16	7.680				
103K	10000							0.11	17.200				

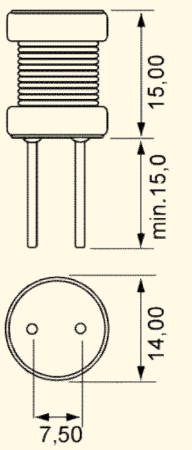
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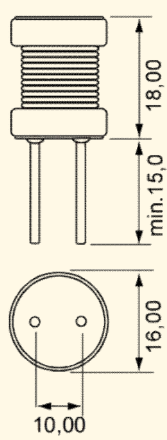
DR2W - 1016 - 103 K - UL

- (1)Type : DR2W Power Inductor
- (2)Style : 1016: Core OD= 10.0mm, H= 16.0mm.
- (3)Inductance : 103 for 10000μH.
- (4)Inductance tolerance : "N": ±30%; "M": ±20%; "K": ±10%
- (5)Sleeve: UL tube, black; No code, no sleeve.



Appearance and dimensions (mm)	Part Number	Inductance [μH]@1KHz/0.3V	Rated Current [A]	DC Resistance [Ω]
 <p>Pins diameter: 1,0mm Dimensions are given for choke without tube</p>	DR2W1216-332M	3300±20%	0,40	<2,55
	DR2W1216-272M	2700±20%	0,50	<2,00
	DR2W1216-182M	1800±20%	0,60	<1,20
	DR2W1216-122M	1200±20%	0,70	<0,85
	DR2W1216-102M	1000±20%	0,80	<0,80
	DR2W1216-681M	680±20%	1,00	<0,50
	DR2W1216-391M	390±20%	1,20	<0,30
	DR2W1216-221M	220±20%	1,50	<0,20
	DR2W1216-151M	150±20%	2,00	<0,10
	DR2W1216-101M	100±20%	2,50	<0,09
	DR2W1216-680W	68±20%	3,00	<0,05
	DR2W1216-390W	39±20%	4,00	<0,04
	DR2W1216-220W	22±20%	5,00	<0,02
	DR2W1216-150W	15±20%	6,00	<0,02

Appearance and dimensions (mm)	Part Number	Inductance [μH]@1KHz/0.3V	Rated Current [A]	DC Resistance [Ω]
 <p>Pins diameter: 1,0mm Dimensions are given for choke without tube</p>	DR2W1415-103M	10000±20%	0,40	<5,50
	DR2W1415-622M	6200±20%	0,50	<4,00
	DR2W1415-472M	4700±20%	0,60	<2,35
	DR2W1415-332M	3300±20%	0,70	<1,70
	DR2W1415-272M	2700±20%	0,80	<1,40
	DR2W1415-182M	1800±20%	1,00	<0,95
	DR2W1415-122M	1200±20%	1,20	<0,65
	DR2W1415-821M	820±20%	1,50	<0,40
	DR2W1415-431M	430±20%	2,00	<0,25
	DR2W1415-271M	270±20%	2,50	<0,15
	DR2W1415-221M	220±20%	3,00	<0,13
	DR2W1415-101M	100±20%	4,00	<0,08
	DR2W1415-680M	68±20%	5,00	<0,04
	DR2W1415-470M	47±20%	6,00	<0,03

Appearance and dimensions (mm)	Part Number	Inductance [μH]@1KHz/0.3V	Rated Current [A]	DC Resistanc e [Ω]
 <p>Pins diameter: 1,0mm Dimensions are given for choke without tube</p>	DR2W1618-562K	5600±10%	0,7	<3,00
	DR2W1618-472K	4700±10%	0,8	<2,20
	DR2W1618-272K	2700±10%	1,00	<1,50
	DR2W1618-182K	1800±10%	1,20	<1,00
	DR2W1618-122K	1200±10%	1,50	<0,70
	DR2W1618-681K	680±20%	2,00	<0,50
	DR2W1618-471K	470±10%	2,50	<0,30
	DR2W1618-271K	270±10%	3,00	<0,20
	DR2W1618-181K	180±10%	4,00	<0,15
	DR2W1618-101 M	100±20%	5,00	<0,10
	DR2W1618-620 M	62±20%	6,00	<0,10
	DR2W1618-470 M	47±20%	8,00	<0,05

Ordering Information :

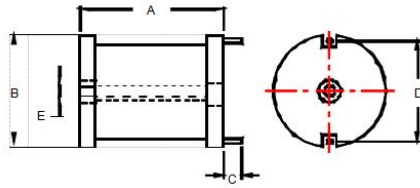
DR2W - 1016 - 103 K - UL

- (1)Type : DR2W Power Inductor
- (2)Style : 1618: Core OD= 16.0mm, H= 18.0mm.
- (3)Inductance : 562 for 5600μH.
- (4)Inductance tolerance : "N": ±30%; "M": ±20%; "K": ±10%
- (5)Sleeve: UL tube, black; No code, no sleeve.



Leaded Power Chokes

Shapes and Dimensions



TYPE	A Max.	B Max.	C Ref	D Typ.	E Min.
DR2WH1420	21.5	16.5	10.0	12.0	3.0
DR2WH1820	21.5	21.0	10.0	15.0	3.0
DR2WH2620	21.5	28.0	10.0	22.0	5.0

Electrical Characteristics @1.0KHz/0.3V, 25°C:

L&% CODE	Inductance (μH)	DR2WH1420		DR2WH1820		DR2WH2620	
		DCR (Ω) Max	IDC (A) Max	DCR (Ω) Max	IDC (A) Max	DCR (Ω) Max	IDC (A) Max
1R0M	1.0	0.003	9.0	0.003	11.4	0.003	21
1R2M	1.2	0.003	9.0	0.003	11.4	0.003	21
1R5M	1.5	0.004	9.0	0.003	11.4	0.003	21
1R8M	1.8	0.004	9.0	0.003	11.4	0.003	21
2R2M	2.2	0.005	9.0	0.004	11.4	0.003	21
2R7M	2.7	0.005	9.0	0.005	11.4	0.003	21
3R3M	3.3	0.005	9.0	0.005	11.4	0.003	21
3R9M	3.9	0.006	9.0	0.005	11.4	0.003	21
4R7M	4.7	0.007	9.0	0.005	11.4	0.003	21
5R6M	5.6	0.007	9.0	0.006	11.4	0.003	21
6R8M	6.8	0.008	9.0	0.007	11.4	0.004	21
8R2M	8.2	0.009	9.0	0.007	11.4	0.004	21
100M	10	0.010	9.0	0.009	11.4	0.006	17
120K	12	0.011	9.0	0.009	11.4	0.008	13.5
150K	15	0.015	7.2	0.013	9.0	0.009	13.5
180K	18	0.016	7.2	0.018	7.2	0.010	13.5
220K	22	0.025	5.5	0.019	7.2	0.011	13.5
270K	27	0.030	4.5	0.026	5.5	0.012	13.5
330K	33	0.040	4.0	0.029	5.5	0.017	13.5
390K	39	0.046	4.0	0.030	5.5	0.022	11.4
470K	47	0.062	2.8	0.035	5.5	0.024	9.0
560K	56	0.069	2.8	0.039	5.5	0.026	9.0
680K	68	0.077	2.8	0.053	4.8	0.029	9.0
820K	82	0.083	2.8	0.060	4.8	0.032	9.0
101K	100	0.095	2.8	0.080	4.0	0.034	9.0
121K	120	0.127	2.0	0.090	4.0	0.046	7.2
151K	150	0.181	1.6	0.098	4.0	0.064	5.5
181K	180	0.217	1.6	0.110	4.0	0.072	5.5

221K	220	0.240	1.6	0.150	2.8	0.080	5.5
271K	270	0.300	1.6	0.213	2.0	0.110	4.5
331K	330	0.336	1.3	0.305	1.6	0.122	4.5
391K	390	0.460	1.0	0.320	1.6	0.169	4.0
471K	470	0.636	0.8	0.355	1.6	0.187	4.0
561K	560	0.696	0.8	0.388	1.6	0.205	4.0
681K	680			0.430	1.6	0.256	2.8
821K	820			0.590	1.3	0.288	2.8
102K	1000			0.818	1.0	0.426	2.0
122K	1200			1.140	0.8	0.462	2.0
152K	1500			1.260	0.8	0.518	2.0
182K	1800			1.390	0.8	0.705	1.6
222K	2200			1.540	0.8	1.020	1.3
272K	2700					1.140	1.3
332K	3300					1.270	1.3
392K	3900					1.670	1.0
472K	4700					1.860	1.0

Ordering Information :

DR2WH -1820 - 561 K - UL

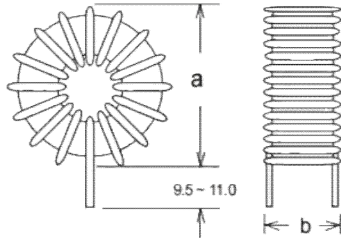
- (1)Type : DR2WH Power Chokes.
- (2)Style : 1618: Core OD= 16.0mm, H= 18.0mm.
- (3)Inductance : 562 for 5600μH.
- (4)Inductance tolerance : "N": ±30%; "M": ±20%; "K": ±10%
- (5)Sleeve: UL tube, black; No code, no sleeve.



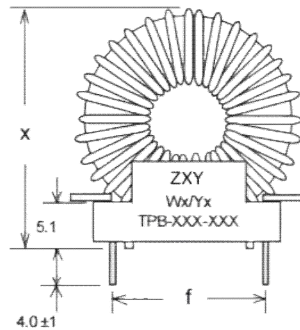
Toroidal Inductor Coil

Mount Type:

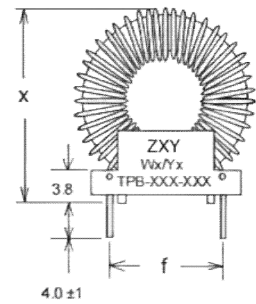
Type O - Open Mount



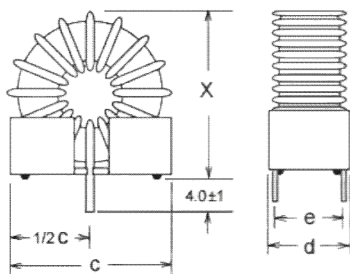
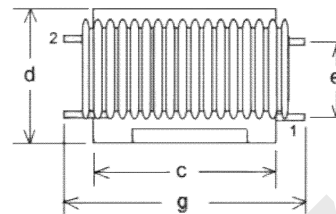
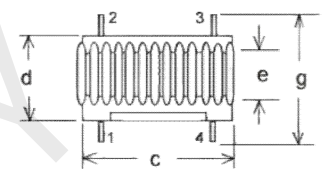
Type B-I



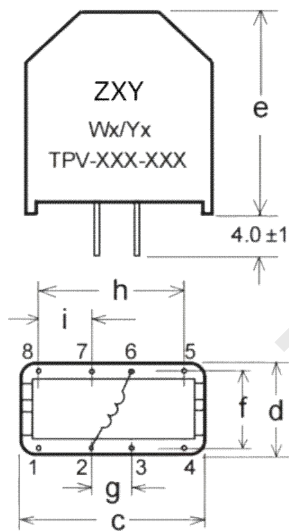
Type B-II



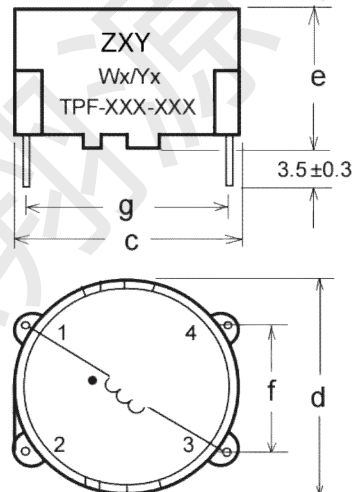
Type C - Clip Mount



Type V - Vertical Mount



Type F - Flat Mount



Schematic



Mounting Style	Size Code	Dimensional Tolerance - Inches ±0.010 (mm ±0.25)								Pin Ø
		c	d	e	f	g	h	i	x	
"C" Clip Mount	2	16.5	11.4	7.6	--	--	--	--	Coil O.D. +	See Data Page
	3	21.0	11.4	7.6	--	--	--	--	2.8 Coil O.D.	
									+2.8	
	4	24.1	15.2	11.4	--	--	--	--	Coil O.D. +	
	5	31.8	17.8	12.7	--	--	--	--	2.8 Coil O.D. +	
"V" Vertical Mount									3.3	0.60 x 0.88
	2	17.8	12.8	20.0	10.0	5.0	15.0	5.0	--	
	3	23.0	15.5	25.0	12.5	10.0	20.0	5.0	--	
	4	27.0	18.0	30.0	15.0	12.5	22.5	5.0	--	
	5	32.0	20.5	35.0	17.5	12.5	27.5	7.5	--	
	6	32.0	23.0	35.0	20.0	12.5	27.5	7.5	--	
	9	43.0	28.0	47.5	25.0	25.0	40.0	7.5	--	
"F" Flat Mount	2	17.5	17.0	12.5	10.0	15.0	--	--	--	0.60 x 0.88
	3	22.5	22.0	15.0	12.5	20.0	--	--	--	
	4	27.5	27.0	17.5	15.0	25.0	--	--	--	
	6	32.5	32.0	20.0	20.0	30.0	--	--	--	
	9	42.5	42.0	28.5	25.0	35.0	--	--	--	
	5	25.4	15.2	10.2	20.3	34.3	--	--	--	
	8	27.9	20.3	15.2	22.9	36.8	--	--	Coil O.D. + 3.5	
"B-I"	10	35.6	22.9	17.8	30.5	44.5	--	--	--	1.27
	11	43.2	27.9	22.9	38.1	52.1	--	--	--	
"B-II"	3	19.1	10.8	6.4	15.2	15.9	--	--	Coil O.D. + 3.8	1.02

Electrical Characteristics @10.0 KHz/0.3V, 25°C:

Part Number	I _{dc} Amps	L(μH) Typ. @ Rated Current	L ₀ (μH)±15% No Load	DCR(Ohms Max.)	Min. Energy Storage (μJ)*	Wire(mm)	Coil Size mm OD x Ht.	Mounting Style Availability / Size			
								C	B	V	F
TPX-470-040	0.5	47	50	0.095	5.9	0.4	14 x 8	2	3	2	2
TPX-680-040		68	73	0.115	8.5	0.4	14 x 8	2	3		2
TPX-101-040		100	109	0.14	12.5	0.4	14 x 8	2	3	2	2
TPX-151-040		150	167	0.173	18.8	0.4	15 x 8	2	3		2
TPX-221-040		220	258	0.215	27.5	0.4	15 x 9	2	3	2	2
TPX-331-040		330	393	0.265	41.3	0.4	15 x 9	2	3		2
TPX-471-040		470	557	0.322	58.8	0.4	20 x 9	3	3	3	3
TPX-681-040		680	849	0.398	85	0.4	20 x 10	3	3		3
TPX-102-040		1000	1358	0.503	125	0.4	21 x 11	3	5	4	3
TPX-152-040		1500	1863	0.714	188	0.4	25 x 12	5	5	4	4
TPX-222-040		2200	3131	0.926	275	0.4	25 x 12	5	5	4	4
TPX-332-040		3300	5024	1.173	413	0.4	26 x 13	5	5		6
TPX-472-040		4700	6287	1.421	588	0.4	32 x 15	5	8	5	6
TPX-220-050	1	22	23	0.041	11	0.5	14 x 8	2	3		2
TPX-330-050		33	37	0.052	16.5	0.5	14 x 8	2	3	2	2
TPX-470-050		47	53	0.063	23.5	0.5	14 x 8	2	3		2
TPX-680-050		68	80	0.077	34	0.5	14 x 8	2	3	2	2
TPX-101-050		100	127	0.097	50	0.5	15 x 8	2	3		2
TPX-150-050		150	207	0.123	75	0.5	15 x 9	2	3	3	2
TPX-221-045		220	345	0.196	110	0.45	15 x 9	2	3		2
TPX-331-050		330	491	0.193	165	0.5	20 x 9	3	3	3	3
TPX-471-060		470	601	0.18	235	0.6	27 x 12	5	5		6
TPX-681-060		680	891	0.22	340	0.6	27 x 13	5	5	5	6
TPX-102-050		1000	1619	0.426	500	0.5	26 x 13	4	5	5	6
TPX-152-050		1,500	2,149	0.532	750	0.5	30 x 14	5	5	5	6
TPX-222-050		2200	3609	0.689	1100	0.5	31 x 15	5	5		6
TPX-332-060		3,300	4,731	0.609	1650	0.6	43 x 15	--	8	--	--
TPX-220-040	2	22	27	0.07	44	0.4	14 x 8	2	3	2	2
TPX-330-040		33	45	0.089	66	0.4	14 x 8	2	3	2	2
TPX-470-045		47	73	0.09	94	0.45	15 x 8	2	3	2	2

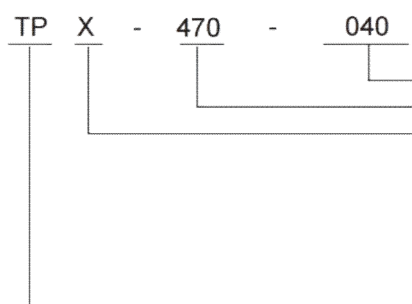
TPX-680-050		68	109	0.089	136	0.5	15 x 8	2	3	2	2
TPX-101-050		100	157	0.109	200	0.5	19 x 8	3	3	3	3
TPX-151-060		150	207	0.106	300	0.6	25 x 12	4	5	4	4
TPX-221-056		220	328	0.153	440	0.56	25 x 11	4	5	4	4
TPX-331-056		330	575	0.202	660	0.56	26 x 12	4	5	4	4
TPX-471-060		470	720	0.214	940	0.6	30 x 14	5	5	5	6
TPX-681-060		680	1251	0.282	1360	0.6	30 x 14	5	5	5	6
TPX-102-060		1000	1429	0.335	2000	0.6	42 x 14	--	5	9	--
TPX-152-060		1500	2488	0.441	3000	0.6	42 x 15	--	8	9	--
TPX-222-071		2200	3218	0.405	4400	0.71	51 x 22	--	10	--	--
TPX-150-050		15	21	0.039	68	0.5	14 x 8	2	3	2	2
TPX-220-050	3	22	34	0.05	99	0.5	14 x 8	2	3	2	2
TPX-330-063		33	49	0.038	149	0.63	19 x 8	3	3	3	3
TPX-470-063		47	75	0.048	212	0.63	20 x 8	3	3	3	3
TPX-680-063		68	92	0.06	306	0.63	25 x 12	4	5	4	4
TPX-101-063		100	157	0.08	458	0.63	25 x 12	4	5	4	4
TPX-151-063		150	256	0.107	675	0.63	25 x 12	4	5	4	4
TPX-221-063		220	346	0.134	990	0.63	29 x 13	5	5	5	6
TPX-331-071		330	625	0.142	1485	0.71	30 x 14	5	5	5	6
TPX-471-067		470	727	0.187	2115	0.67	42 x 14	--	5	9	--
TPX-681-063		680	1124	0.302	3060	0.063	42 x 16	--	8	--	--
TPX-102-067		1000	1493	0.304	4500	0.67	49 x 20	--	10	--	--
TPX-152-067		1500	2324	0.384	6750	0.67	53 x 24	--	11	--	--
TPX-222-067		2200	4090	0.509	9900	0.67	54 x 26	--	11	--	--

Electrical Characteristics @10.0 KHz/0.3V, 25°C:

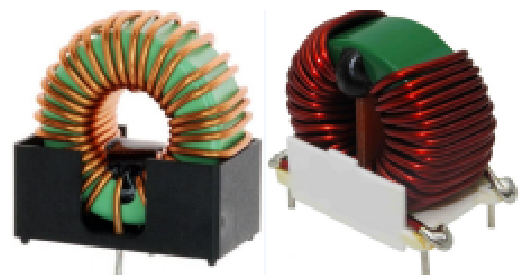
Part Number	IDC Amps	L(μH) Typ. @ Rated Current	Lo(μH)±15% No Load	DCR(Ohms Max.)	Min. Energy Storage (μJ)*	Wire(mm)	Coil Size mm OD x Ht.	Mounting Style Availability / Size			
								C	B	V	F
TPX-150-060	5	15	23	0.029	188	0.600	20 x 8	3	3	3	3
TPX-220-060		22	28	0.039	275	0.600	25 x 12	4	5	4	4
TPX-330-071		33	48	0.036	413	0.710	25 x 12	4	5	4	4
TPX-470-075		47	82	0.043	588	0.750	25 x 12	4	5	4	4
TPX-680-075		68	137	0.055	850	0.750	26 x 12	4	5	4	4

TPX-101-080		100	172	0.059	1250	0.800	30 x 13	5	5	5	6
TPX-151-071		150	221	0.094	1875	0.710	41 x 13	--	5	9	--
TPX-221-080		220	381	0.097	2750	0.800	41 x 13	--	5	9	--
TPX-331-071		330	475	0.156	4125	0.710	49 x 20	--	10	--	--
TPX-471-075		470	852	0.187	5875	0.750	49 x 20	--	10	--	--
TPX-680-080		680	1186	0.196	8500	0.800	53 x 25	--	11	--	--
TPX-102-090		1000	2093	0.206	12500	0.900	55 x 26		11		
TPX-150-075	7.5	15	18	0.022	422	0.750	30 x 14	5	5	5	6
TPX-220-080		22	30	0.025	619	0.800	30 x 14	5	5	5	6
TPX-330-090		33	49	0.025	928	0.900	30 x 14	5	5	5	6
TPX-470-100		47	84	0.026	1322	1.000	31x 14	5	5	5	6
TPX-680-090		68	105	0.04	1913	0.900	42 x 14	--	5	9	--
TPX-101-100		100	160	0.045	2813	1.000	43 x 17	--	8	--	--
TPX-150-085		150	219	0.074	4219	0.850	50 x 21	--	10	--	--
TPX-221-100	10	220	373	0.07	6188	1.000	51 x 22	--	10	--	--
TPX-331-100		330	605	0.09	9281	1.000	54 x 25	--	11	--	--
TPX-471-118		470	1054	0.085	13219	1.180	55 x 28	--	11	--	--
TPX-150-100		15	21	0.013	750	1.000	30 x 14	5	5	5	6
TPX-220-090		22	28	0.021	1100	0.900	41 x 14	--	5	9	--
TPX-330-100		33	46	0.022	1650	1.000	42 x 14	--	5	9	--
TPX-470-100		47	75	0.028	2350	1.000	42 x 14	--	5	9	--
TPX-680-090	15	68	89	0.042	3400	0.900	50 x 21	--	10	--	--
TPX-101-100		100	152	0.044	5000	1.000	50 x 21	--	10	--	--
TPX-151-118		150	248	0.041	7500	1.180	55 x 26	--	11	--	--
TPX-221-118		220	427	0.054	11000	1.180	55 x 26	--	11	--	--
TPX-6R8-100		6.8	8	0.009	765	1.100	41 x 14	--	5	9	--
TPX-100-100		10	14	0.012	1125	1.000	41 x 14	--	5	9	--
TPX-150-125		15	22	0.011	1688	1.180	41 x 14	--	5	9	--
TPX-220-125		22	36	0.014	2475	1.250	44 x 18	--	8	--	--
TPX-330-118		33	49	0.018	3713	1.180	50x 21	--	10	--	--
TPX-470-140		47	75	0.016	5288	1.400	51 x 22	--	11	--	--
TPX-680-150		68	123	0.018	7650	1.500	51 x 23	--	11	--	--
TPX-101-150		100	207	0.023	11250	1.500	56 x 27	--	11	--	--

Ordering Information:



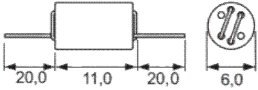
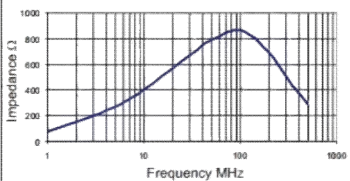
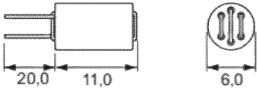
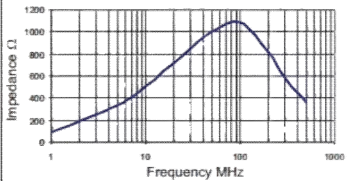
Wire-OD
Inductance-μH
Mount Type
O = Open Mount
C = Clip Mount
B = Base Mount
V = Vertical Encapsulated
F = Flat Encapsulated
Toroidal Pin



EMC&EMI Wide Band Choke



R6H0610 Series	Part Number	Turns	Impedance 25MHz 100MHz		Characteristic
<p>Dimensions in mm</p>	R6H0610-1.0T	1,0x0,5	180Ω	255Ω	
<p>Dimensions in mm</p>	R6H0610-1.5T	1,5x0,5	326Ω	472Ω	
<p>Dimensions in mm</p>	R6H0610-2.0T	2,0x0,5	498Ω	707Ω	

R6H0610 Series	Part Number	Turns	Impedance 25MHz 100MHz		Characteristic
 <p>Dimensions in mm</p>	R6H0610-2.5T	2,5x0,5	627Ω	863Ω	
R6H0610 Series	Part Number	Turns	Impedance 25MHz 100MHz		Characteristic
 <p>Dimensions in mm</p>	R6H0610-3.0T	3,0x0,5	789Ω	1083Ω	

Ordering Information :

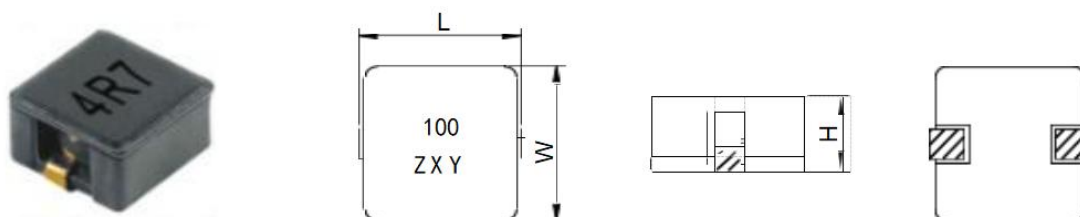
R6H -0610 - 3.0T

- (1) Type : R6H, 6 Hole Cores.
- (2) Style : 0610: Core OD=6.0mm, H= 10.0mm.
- (3) 3.0T : TURNS:3.0.

High Current Power Inductor

--EEA Series

Dimension and Electrical Characteristics @ 25°C:

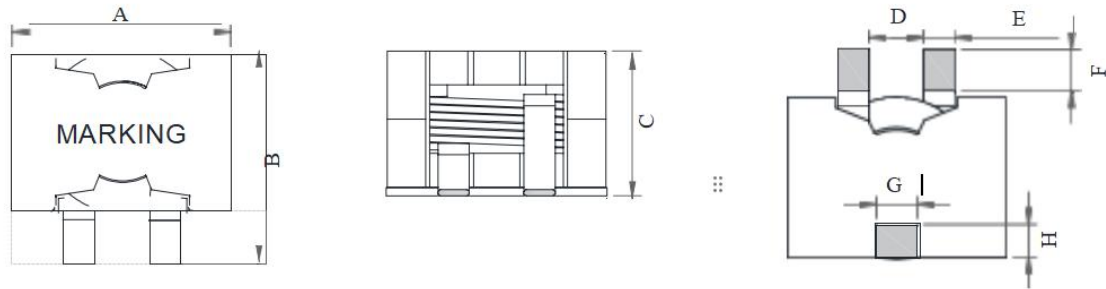


Type Name		L*W*H (mm)	Inductance(uH)	DC Resistance(mΩ)	DC SaturationCurrent (A)	Temperature RiseCurrent (A)
		Typical	±20%	Max	Drop 30% (typ.)	ΔT 50℃ (typ.)
	ZXYEEA53	5.6*5.3*3.0	0.32~1.5	2.70~14.5	7.50~19.0	7.00~18.0
	ZXYEEA54	5.6*5.3*4.0	0.22~5.60	1.38~31.4	4.60~25.0	4.50~20.0
	ZXYEEA73	7.0*6.9*3.0	0.13~2.00	1.00~15.6	9.00~48.0	6.50~22.0
	ZXYEEA74	7.0*6.9*3.8	0.22~4.70	1.20~21.5	7.00~32.0	6.00~21.0
	ZXYEEA75	7.0*6.9*4.8	0.24~10.0	1.10~36.3	4.00~28.0	3.50~20.0
	ZXYEEA103	10.5*10.2*2.8	0.20~2.20	0.90~12.5	15.0~50.0	9.00~22.0
	ZXYEEA104	10.5*10.2*4.0	0.15~5.60	0.60~22.7	7.50~60.0	6.70~25.0
	ZXYEEA105	10.5*10.2*4.7	0.16~16.0	0.56~38.0	6.50~58.0	5.00~25.0
	ZXYEEA106	10.5*10.2*5.7	0.60~10.0	1.10~22.0	8.00~45.0	7.00~25.0
	ZXYEEA1085	10.5*10.2*8.2	0.47~1.0	40.0~110.0	1.7	25.0
	ZXYEEA114	11.8*12.7*4.0	2.2	6.4	25	15.0
	ZXYEEA133	13.0*12.8*3.3	0.25~3.30	0.80~8.90	14.0~60.0	12.0~24.0
	ZXYEEA134	13.0*12.8*3.7	2.20~4.70	6.50~10.5	12.0~18.0	10.0~14.5
	ZXYEEA135	13.0*12.8*4.7	0.19~10.0	0.55~15.5	10.0~60.0	8.50~29.0
	ZXYEEA1365	13.0*12.8*5.7	0.50~10.0	0.78~11.0	10.0~50.0	10.0~28.0
	ZXYEEA136	13.0*12.8*6.2	0.20~33.0	0.40~33.6	5.50~65.0	5.50~32.0
	ZXYEEA189	18.3*18.2*8.9	0.82~47.0	0.54~33.5	7.0~65.0	6.80~41.5
	ZXYEEA2212	22.5*22.1*12.0	6.80~82.0	2.10~30.4	8.5~31.0	17.0~28.5

- 1.All data is tested based on 25℃ ambient temperature.
- 2.Inductance measure condition at 100kHz,1V.
- 3.Saturation current: the actual value of DC current when the inductance decrease 30% of its initial value
- 4.Temperature rise current the actual value of DC current when the temperature rise is ΔT50℃ (Ta=25).

--EEB Series

Dimension Diagram(unit: mm)



TYPE	A Max	B Max	C Max	D±0.5	E Ref	F Ref	G Ref	H Ref
ZXYEEB2212	21.80	21.50	12.00	5.00	3.50	4.50	4.00	3.00
ZXYEEB2214	21.80	21.50	14.50	5.00	3.50	4.50	4.00	3.00
ZXYEEB2216	21.80	21.50	16.50	5.00	3.50	4.50	4.00	3.00
ZXYEEB2816	27.90	27.90	15.80	6.60	3.80	5.20	5.00	4.00
ZXYEEB2818	27.90	27.90	18.00	6.60	3.80	5.20	5.00	4.00

Part No.	L(μH)	ZXYEEB2212		ZXYEEB2214		ZXYEEB2216		ZXYEEB2816		ZXYEEB2818	
		Isat (A) Max	DCR (mΩ) Max	Isat (A) Max	DCR (mΩ) Max	Isat (A) Max	DCR (mΩ) Max	Isat (A) Max	DCR (mΩ) Max	Isat (A) Max	DCR (mΩ) Max
R50N	0.50	60.00	0.40								
1R0N	1.00	48.00	1.10								
1R5N	1.50	45.00	1.30					80.00	1.76		
2R2N	2.20	40.00	1.80	48.00	2.20			80.00	1.90		
3R3N	3.30	38.00	6.00	38.00	3.20			45.00	2.50	75.00	2.86
4R7N	4.70	28.00	6.00	28.00	3.20			30.00	3.50	50.00	3.50
5R6N	5.60			24.00	3.20						
6R8N	6.80	21.00	6.00	27.00	7.30	20.00	3.50	21.00	6.00	36.00	4.30
8R2N	8.20	16.00	6.00	23.00	7.30	21.50	3.50				

100M	10.00	16.00	7.00	18.50	7.30	19.50	6.00	13.20	8.50	17.50	5.20
150M	15.00	12.00	7.00	15.00	9.50					17.50	7.00
220M	22.00	8.00	7.00	10.50	9.50	9.00	6.00	9.60	10.00	12.80	11.00
330M	33.00	5.00	7.00	7.50	9.50			8.00	13.00	11.20	15.00
470M	47.00					5.20	10.50	6.50	15.00		

Ordering Information :

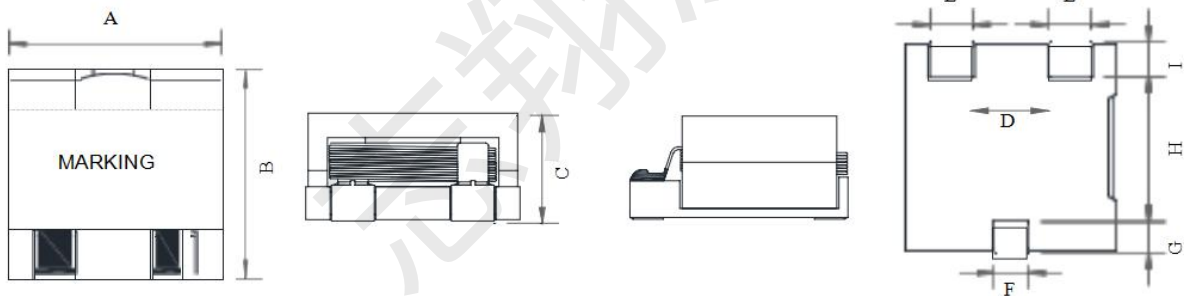
EEB - 2212 - 330 M

- (1)Type : EEB Power Inductor.
 (2)Style : 2212 : **A**=21.8mm, **C**=12.0mm.
 (3)Inductance : 330for 33 μ H.
 (4)Inductance tolerance : "N": $\pm 30\%$; "M": $\pm 20\%$; "K": $\pm 10\%$



--EEC Series

Dimension Diagram(unit: mm)



TYPE	A Max	B Max	C Max	D ± 0.3	E ± 0.2	F ± 0.2	G Ref	H Ref	I Ref
ZXYEEC1005	10.50	11.20	5.20	3.00	2.50	1.40	1.20	6.80	1.75
ZXYEEC1006	10.50	11.20	6.80	3.00	2.50	1.40	1.20	6.80	1.75
ZXYEEC1306	13.50	13.50	6.00	4.50	2.50	2.50	1.80	8.80	2.00
ZXYEEC1309	13.50	13.50	9.00	4.50	2.50	2.50	1.80	8.80	2.00
ZXYEEC1408	15.00	15.00	8.00	6.60	2.50	2.00	1.50	11.20	1.80



ZXYEEC1412 15.00 15.00 12.00 6.60 2.50 2.00 1.50 11.20 1.80

Electrical Characteristics @1MHz 0.25V, 25°C:

Part No.	L (μH)	ZXYEEC1005		ZXYEEC1006		ZXYEEC1306		ZXYEEC1309		ZXYEEC1408		ZXYEEC1412	
		Isat (A) Max	DCR (mΩ) Max	Isat (A) Max	DCR (mΩ) Max	Isat (A) Max	DCR (mΩ) Max	Isat (A) Max	DCR (mΩ) Max	Isat (A) Max	DCR (mΩ) Max	Isat (A) Max	DCR (mΩ) Max
R50N	0.5									42.00	1.20		
R80N	0.8	25.20	4.00										
1R0N	1.0	17.00	4.00			33.00	2.60			28.00	1.20		
1R2N	1.2	21.00	6.00										
1R3N	1.3	16.80	4.00										
1R5N	1.5	14.00	4.00										
1R8N	1.8	13.80	6.00										
2R0N	2.0	15.80	9.00										
2R2N	2.2	9.60	4.00			17.00	2.60			21.00	2.00		
2R5N	2.5	11.80	7.50										
2R7N	2.7					13.00	2.60						
3R2N	3.2	8.00	6.00										
3R3N	3.3					12.50	6.00			17.00	3.30		
4R0N	4.0	8.50	9.00										
4R3N	4.3	6.80	7.50										
4R7N	4.7					11.00	6.00			14.00	5.00		
5R6N	5.6			7.80	10.50								
5R7N	5.7	5.80	9.00										
6R8N	6.8			6.80	12.00	9.00	6.00			12.00	6.50		
8R2N	8.2					8.50	10.80			10.00	7.80		
9R0N	9.0			5.70	16.00								
100M	10.0			5.50	18.80	7.00	10.80	12.60	15.00	9.50	9.80	13.10	7.98
120M	12.0			5.00	21.00					8.50	13.00	11.80	9.42

150M	15.0	4.20	26.50	8.10	15.00	10.90	10.80
180M	18.0					10.00	12.60
220M	22.0	3.00	40.00	6.80	23.00	8.80	15.20
330M	33.0			4.40	23.00	7.90	17.90
470M	47.0			3.00	23.00	6.90	17.90

Ordering Information :

EEC - 1005 - R50 N

(1)Type : EEC Power Inductor.

(2)Style : 1005 : **A**=10.5mm, **C**=5.2mm.

(3)Inductance : R50 for 0.50μH.

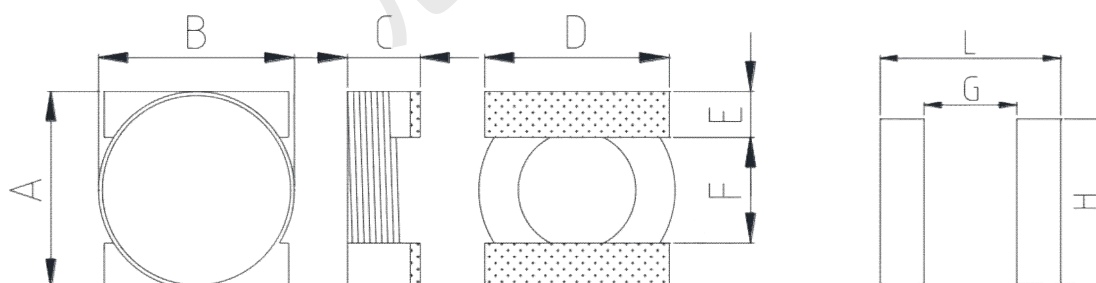
(4)Inductance tolerance : "N": ±30%; "M": ±20%; "K": ±10%



--EAC Series

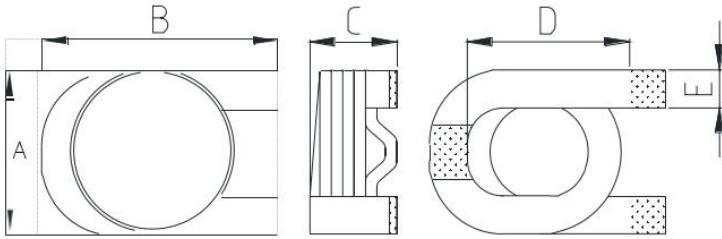
Dimension (Unit:mm)

Land Pattern (Unit:mm)

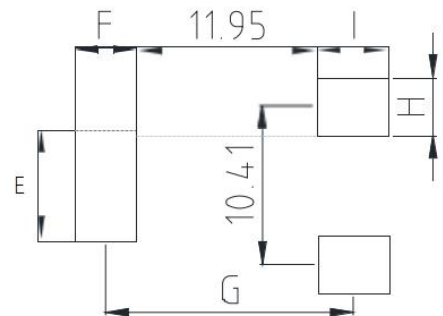


TYPE	A Max	B Max	C Ref	D	E Ref	L	G	H
ZXYEAC1010	10.0	10.0	3.6~6.1	8.55±0.25	1.75	10.45	5.37	9.53
ZXYEAC1212	11.5	12.0	6.6~11.3	9.07±1.02	2.54	12.14	5.54	10.34

Dimension (Unit:mm)



A	B	C	D	E
13.6 Max	19.56 Max	5.99~11.4	16.08 ref.	2.54 ref.



E	F	G	H	I
7.37	4.06	16.33	3.81	4.70

Electrical Characteristics @25°C:

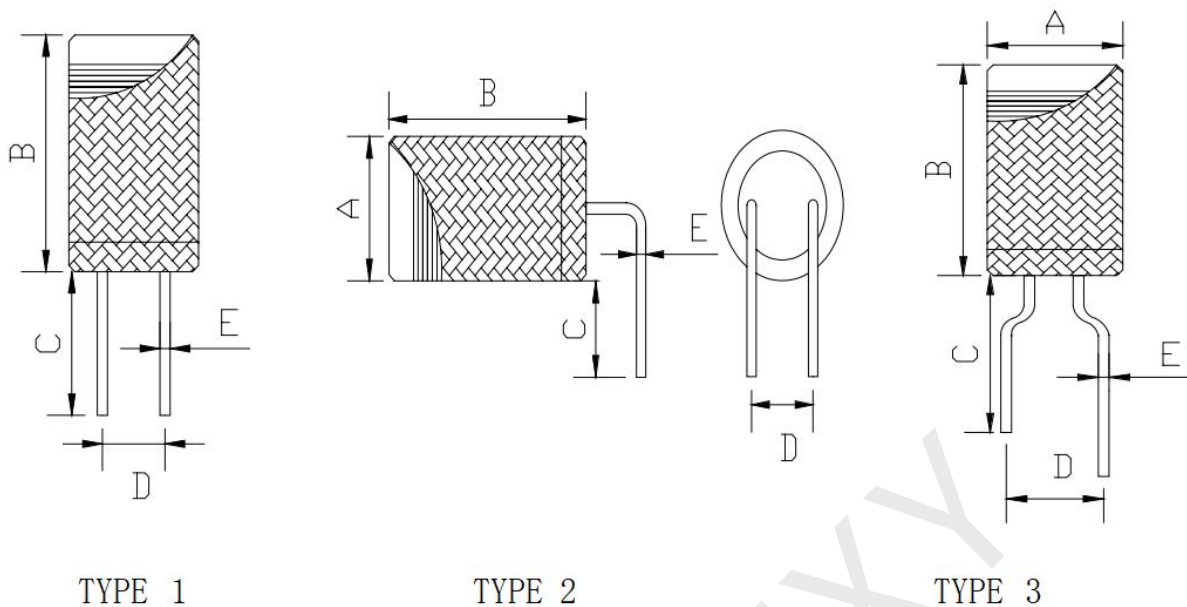
Part Number	Heigh C size (mm) ±0.1	Inductance (nH) ±20%	Q Typ.	Q TEST Freq. (MHz)	SRF(MHz) Min.	DCR (mohm) Max.(Typ.)	Rated DC Current(A) Max.
ZXY-EAC1010-23NM	3.60	23	95	100	923	1.20(1.05)	26.00
ZXY-EAC1010-46NM	4.10	46	150	100	526	1.62(1.50)	25.50
ZXY-EAC1010-79NM	4.80	79	135	50	386	2.11(1.95)	25.00
ZXY-EAC1010-111NM	5.60	110	150	50	382	2.73(2.53)	22.00
ZXY-EAC1010-141NM	6.10	140	140	50	433	3.33(3.08)	19.30
ZXY-EAC1212-22NM	6.60	22	200	100	918	0.55(0.48)	57.00
ZXY-EAC1212-42NM	7.60	42	195	50	557	0.77(0.70)	52.00
ZXY-EAC1212-66NM	8.80	66	200	50	480	0.99(0.90)	48.00
ZXY-EAC1212-90NM	10.40	90	175	50	444	1.21(1.10)	45.00
ZXY-EAC1212-111NM	11.30	110	165	50	399	1.43(1.30)	44.00
ZXY-EAC2014-33NM	5.99	33	230	100	620	0.74(0.63)	43.00
ZXY-EAC2014-66NM	7.09	66	200	50	413	1.00(0.90)	42.50
ZXY-EAC2014-111NM	8.31	110	210	50	320	1.34(1.20)	42.00
ZXY-EAC2014-151NM	9.19	150	205	50	296	1.60(1.44)	39.70
ZXY-EAC2014-201NM	10.4	200	200	50	262	1.82 (1.70)	35.80
ZXY-EAC2014-251NM	11.4	250	200	50	230	2.15(1.94)	34.50

- Inductance measured at 1 MHz, 0.1 Vrms, 0 A
- Rated DC Current : Current that causes the specified temperature rise from 25°C ambient.
- Operating Temperature Range(including self temperature) : -40°C ~ +125 °C



DIP Inductor

--DR Inductor



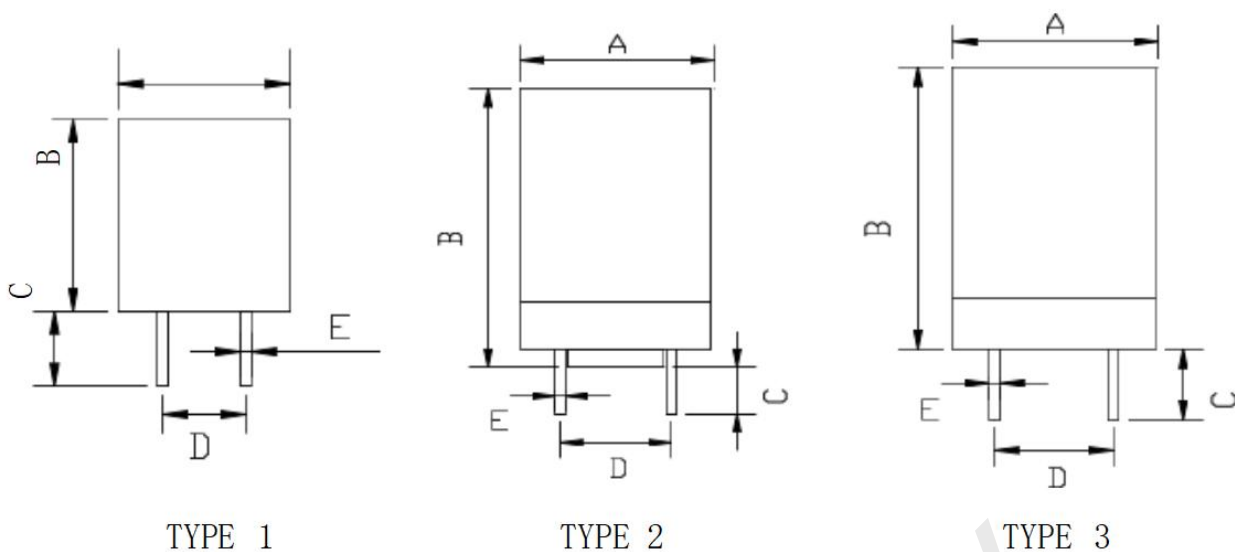
MECHANICAL DIMENSION (UNIT: mm)

Size	A(max)	B(max)	C	D±0.5 Ref	E ±0.1
ZXYDR0345	4.0	6.0	10~15	1.5	0.50
ZXYDR0406	5.0	9.0	10~15	2.0	0.55
ZXYDR0608	7.0	10.0	10~15	2.5	0.65
ZXYDR0810	9.0	12.0	10~15	5.0	0.65
ZXYDR0912	10.0	14.0	10~15	6.0	0.80
ZXYDR1012	11.0	14.0	10~15	6.0	0.80
ZXYDR1415	15.0	17.0	10~15	7.5	0.80
ZXYDR1618	17.0	20.0	10~15	12.5	1.0
ZXYDR1818	19.0	20.0	10~15	15.0	1.0

* 以上尺寸仅供参考，可以根据客户要求调整。

Reference value of the above dimensions, We can adjusted it according to your requirements.

--DRP Shielding Inductor



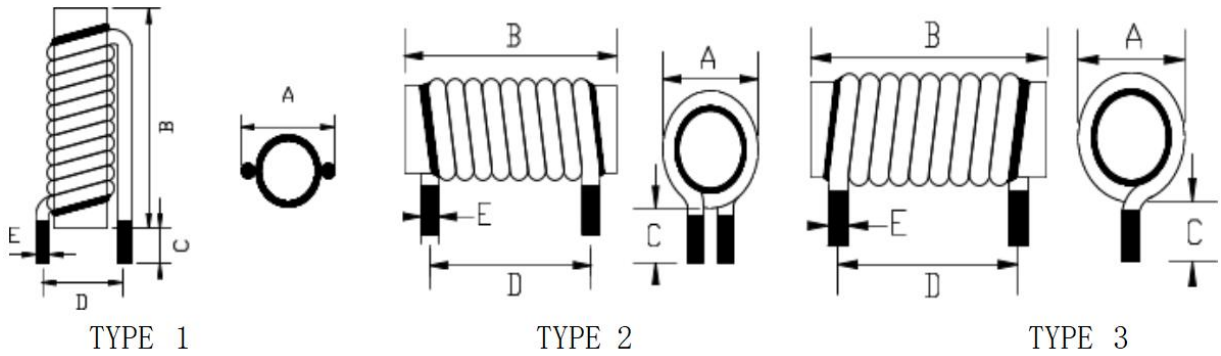
MECHANICAL DIMENSION (UNIT:mm)

Size	A(max)	B(max)	C Ref	D±0.5 Ref	E±0.1
ZXYDRP0606	6.0	6.5	4.0	4.0	0.50
ZXYDRP1010	10.0	10.5	4.0	5.0	0.65
ZXYDRP1012	11.0	13.0	4.0	5.0	0.65
ZXYDRP1015	11.0	15.0	4.0	5.0	0.7
ZXYDRP1215	12.8	15.0	4.0	5.0	0.7
ZXYDRP1317	13.5	18.5	4.0	5.0	0.70
ZXYDRP1619	18.0	27.0	4.0	10.5	1.00

* 以上尺寸仅供参考，可以根据客户要求调整。

Reference value of the above dimensions, We can adjusted it according to your requirements.

--R Inductor

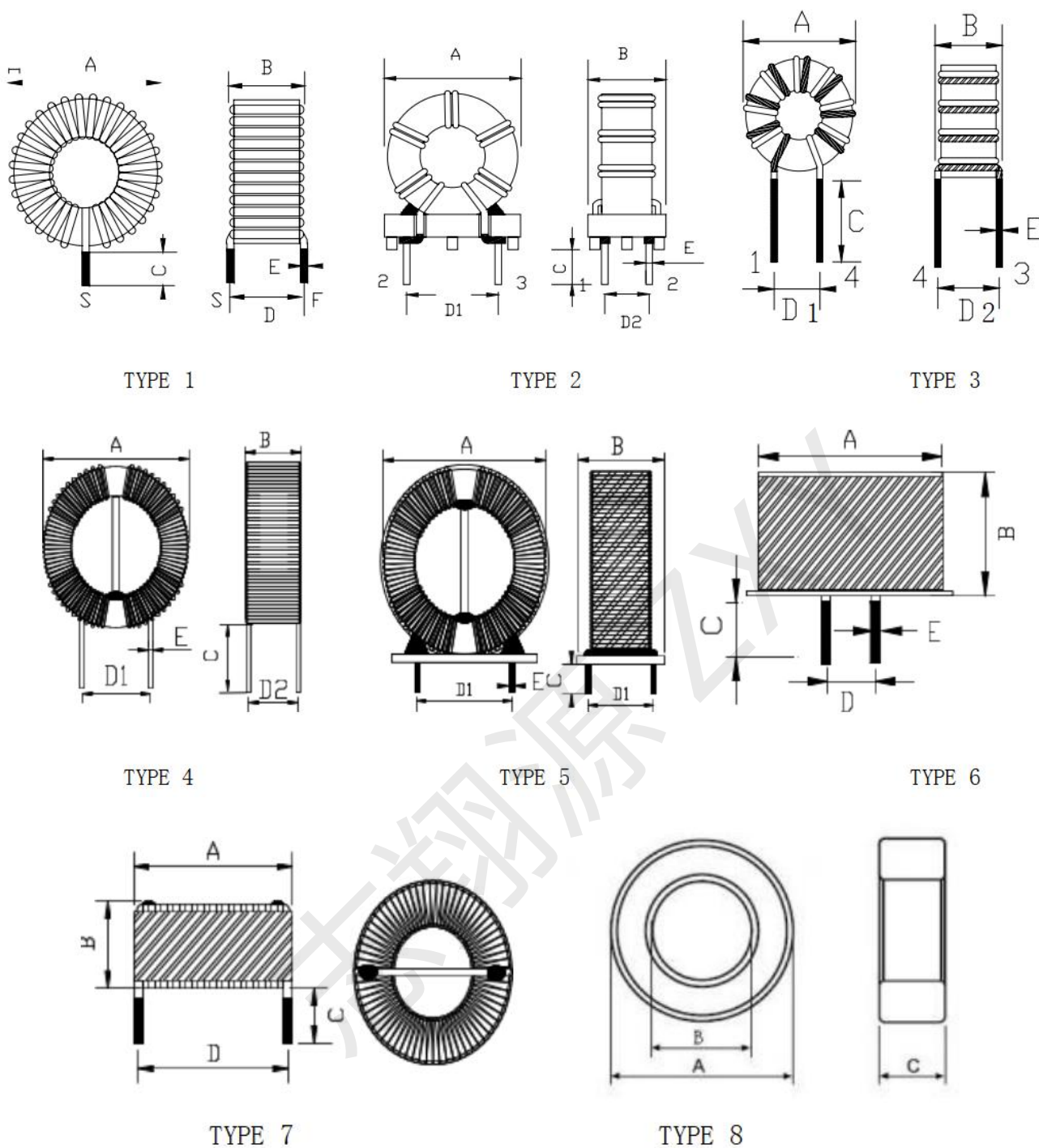


MECHANICAL DIMENSION (UNIT:mm)

Iron powder core series	A (Ref)	B (Ref)	C Ref	D±0.5 Ref
ZXYR1.0x6.5	1.0	6.5	Ref	Ref
ZXYR1.2x4.5	1.2	4.5	Ref	Ref
ZXYR1.5x5.0	1.5	5.0	Ref	Ref
ZXYR1.9x6.5	1.9	6.5	Ref	Ref
ZXYR1.2x4.8	1.2	4.8	Ref	Ref
ZXYR2.0x12.0	2.0	12.0	Ref	Ref
ZXYR2.6x20.0	2.6	20.0	Ref	Ref
ZXYR3.0x15.0	3.0	15.0	Ref	Ref
ZXYR3.0x25.0	3.0	25.0	Ref	Ref
ZXYR3.5x25.0	3.5	25.0	Ref	Ref
ZXYR4.0x10.0	4.0	10.0	Ref	Ref
ZXYR4.0x12.0	4.0	12.0	Ref	Ref
ZXYR4.0x15.0	4.0	15.0	Ref	Ref
ZXYR4.0x20.0	4.0	20.0	Ref	Ref
ZXYR5.0x20.0	5.0	20.0	Ref	Ref
ZXYR5.0x25.0	5.0	25.0	Ref	Ref
ZXYR6.0x15.0	6.0	15.0	Ref	Ref
ZXYR6.0x20.0	6.0	20.0	Ref	Ref
ZXYR6.0x25.0	6.0	25.0	Ref	Ref
ZXYR8.0x10.0	8.0	10.0	Ref	Ref
ZXYR8.0x30.0	8.0	30.0	Ref	Ref
ZXYR10.0x30.0	10.0	30.0	Ref	Ref

* A,B 尺寸为磁芯尺寸, 以上尺寸仅供参考, 可以根据客户要求调整。
The size of A and B is only from the core.,Reference value of the above dimensions, We can adjusted it according to your requirements.

--T Inductor



MECHANICAL DIMENSION (UNIT:mm)

1.铁粉芯 Iron powder core series

Iron powder core series	material	A * B * C (TYPE 8)
ZXYT30	2, 8, 18, 26, 40, 52	7.8*3.84*3.25
ZXYT37	2, 8, 18, 26, 40, 52	9.53*5.21*3.25

ZXYT38	2, 8, 18, 26, 40, 52	9.53*4.45*4.83
ZXYT44	2, 8, 18, 26, 40, 52	11.2*5.82*4.04
ZXYT50	2, 8, 18, 26, 40, 52	12.7*7.7*4.83
ZXYT60	2, 8, 18, 26, 40, 52	15.2*8.53*5.94
ZXYT68	2, 8, 18, 26, 40, 52	17.5*9.4*4.83
ZXYT68-A	2, 8, 18, 26, 40, 52	17.5*9.4*4.83
ZXYT68-D	2, 8, 18, 26, 40, 52	17.5*9.4*4.83
ZXYT72	2, 8, 18, 26, 40, 52	18.3*7.11*6.6
ZXYT80	2, 8, 18, 26, 40, 52	20.2*12.6*6.35
ZXYT94	2, 8, 18, 26, 40, 52	23.9*14.2*7.92
ZXYT106	2, 8, 18, 26, 40, 52	26.9*14.5*11.1
ZXYT130	2, 8, 18, 26, 40, 52	33.0*19.8*11.1
ZXYT157	2, 8, 18, 26, 40, 52	39.9*24.1*14.5
ZXYT175	2, 8, 18, 26, 40, 52	44.5*27.2*16.5
ZXYT184	2, 8, 18, 26, 40, 52	46.7*24.1*18.0
ZXYT200	2, 8, 18, 26, 40, 52	50.8*31.8*14.0
ZXYT225	2, 8, 18, 26, 40, 52	57.2*35.7*14.0

2. 锰锌铁氧体 Ferrite core series

Ferrite core series	material	A * B * C (TYPE 8)
T2.5x1.5x1.3	Mn-Zn	2.5x1.5x1.3
-----		A : 2.5mm~85.7mm B : 1.5mm~55.5mm C : 1.3mm~17.2mm
Detailed specifications, please call Advisory		
T85.7x55.5x17.2		85.7x55.5x17.2

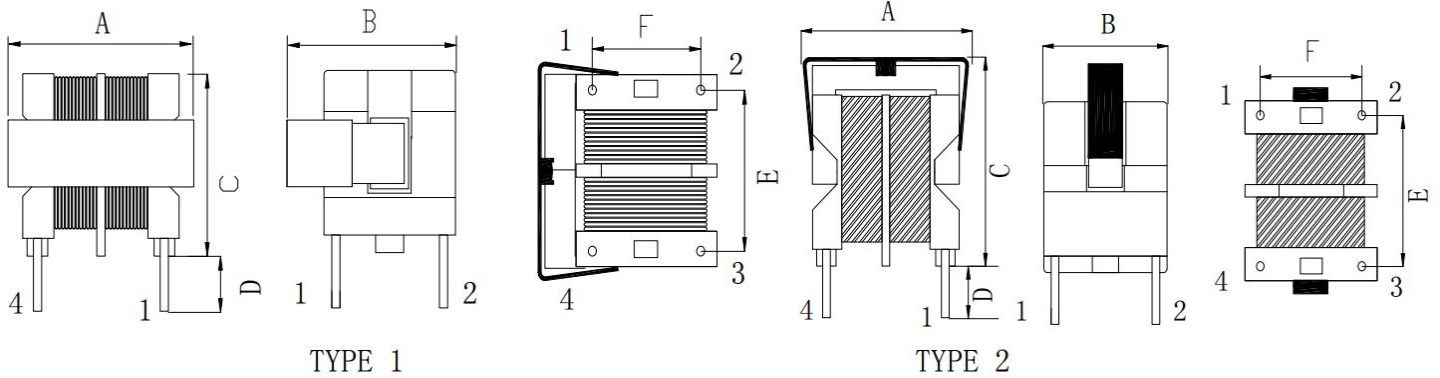
3. 铁硅铝 Sendust core

Sendust core	material	A * B * C (TYPE 8)
-----	Sendust	3.56x1.78x1.52
Detailed specifications, please call Advisory		A : 3.56mm~77.8mm B : 1.78mm~49.23mm C : 1.52mm~12.7mm
		77.8x49.23x12.7

The Core specifications and specific materials, please telephone consultation.

滤波器系列 Wave Filter Inductor :

UU Wave Filter

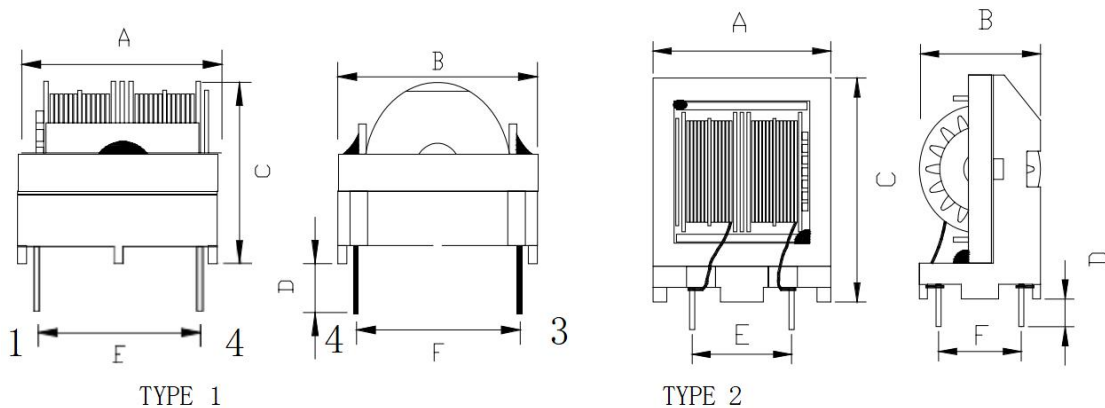


MECHANICAL DIMENSION (UNIT:mm)

Specifications	A	B	C	D	E	F	Notes
ZXY-UU9.8	17.5 Max	12.5 Max	17.5 Max	3.5 ± 0.5	8.0 ± 0.5	7.0 ± 0.5	TYPE 2
ZXY-UU9.8	17.5 Max	16.5 Max	13.5 Max	3.5 ± 0.5	8.0 ± 0.5	7.0 ± 0.5	TYPE 1
ZXY-UU10.5	19.5 Max	17.5 Max	22.5 Max	3.5 ± 0.5	13.0 ± 0.5	10.0 ± 0.5	TYPE 2
ZXY-UU10.5	19.5 Max	21.5 Max	17.5 Max	3.5 ± 0.5	13.0 ± 0.5	10.0 ± 0.5	TYPE 1
ZXY-UU16	24.5 Max	19.5 Max	27.5 Max	3.5 ± 0.5	13.0 ± 0.5	10.0 ± 0.5	TYPE 2
ZXY-UU16	24.5 Max	25.5 Max	23.5 Max	3.5 ± 0.5	13.0 ± 0.5	10.0 ± 0.5	TYPE 1

ET Wave Filter

MECHANICAL DIMENSION (UNIT:mm)





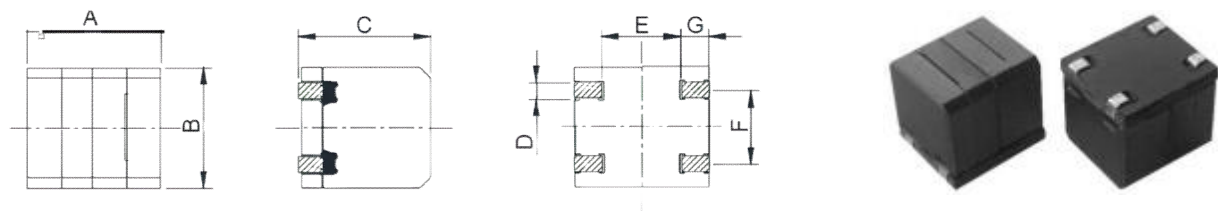
Specifications	A	B	C	D	E	F	Notes
ZXY-ET24	26.5 Max	19.5 Max	31.5 Max	3.5 ± 0.5	13.0 ± 0.5	10.0 ± 0.5	TYPE 2
ZXY-ET24	25.5 Max	25.5 Max	21.5 Max	3.5 ± 0.5	15.0 ± 0.5	20.0 ± 0.5	TYPE 1
ZXY-ET28	25.5 Max	22.5 Max	36.5 Max	3.5 ± 0.5	13.0 ± 0.5	10.0 ± 0.5	TYPE 2
ZXY-ET28	30.5 Max	30.5 Max	25.5 Max	3.5 ± 0.5	24.0 ± 0.5	20.0 ± 0.5	TYPE 1
ZXY-ET35	38.5 Max	27.5 Max	45.5 Max	3.5 ± 0.5	21.0 ± 0.5	15.0 ± 0.5	TYPE 2
ZXY-ET35	38.0 Max	38.0 Max	29.0 Max	3.5 ± 0.5	30.0 ± 0.5	25.0 ± 0.5	TYPE 1

志翔源 ZXY

数字功放电感系列 Power Inductors for Digital Amplifier:

--ZXY0910B 系列

DIMENSIONS (mm) AND SHAPES



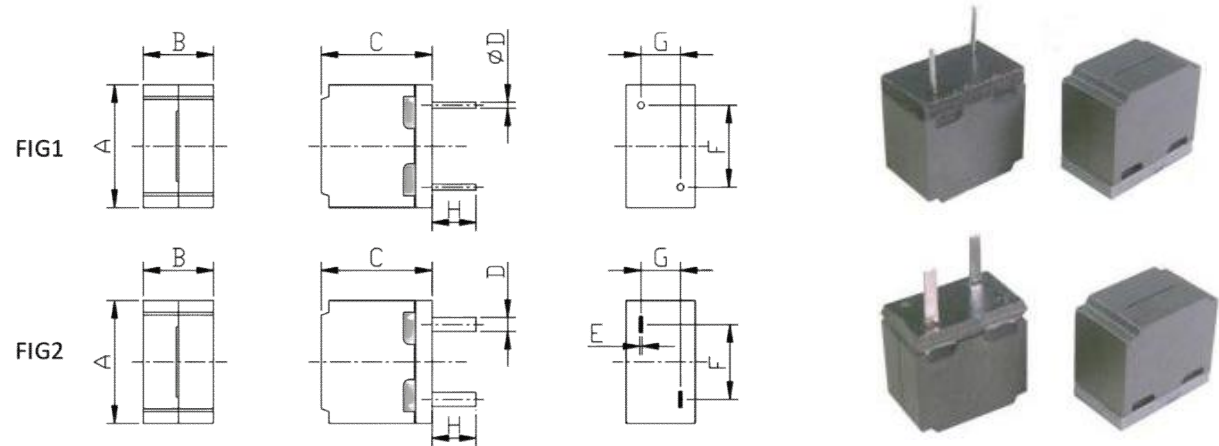
TYPE	A±0.8	B±0.8	C max	D ref	E ref	F ref	G ref
ZXY0910B-	10.0	9.0	10.0	1.2	6.2	5.5	1.9

ELECTRICAL CHARACTERISTICS

TYPE	Inductance (uH) ±25%	DC resistance (mΩ) max	Rated DC current (A) max	Allowable current (A) max
ZXY0910B-100	10	20.0 (15.5)	6.0	4.5
ZXY0910B-120	12	22.0 (16.7)	5.5	4.0
ZXY0910B-150	15	30.0 (23.0)	5.0	3.0
ZXY0910B-220	22	32.0 (24.5)	4.0	2.5

--ZXY1010A/B 系列

DIMENSIONS (mm) AND SHAPES



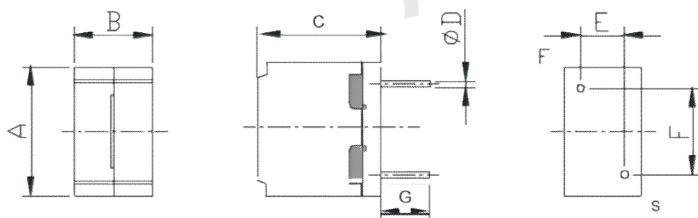
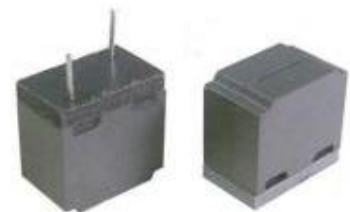
TYPE	A±0.3	B±0.5	C Max	D±0.1	E±0.1	F±0.5	G±0.5	H±0.5	FIG
ZXY1010A-	10.5	6.4	10.5	*	--	7.0	4.0	4.0	1
ZXY1010B-	10.5	6.4	10.5	*	*	6.4	3.6	4.0	2

ELECTRICAL CHARACTERISTICS

TYPE	Inductance (uH) ±20%	DC resistance (mΩ) max	Isat (A) max	Irise (A) max	Dimension	
					D (mm)	E (mm)
ZXY1010A-100M	10	18.0 (12.5)	7.5	5.0	0.60	-
ZXY1010A-120M	12	25.0 (19.6)	6.0	4.8	0.50	-
ZXY1010A-150M	15	30.0 (25.2)	5.3	4.5	0.45	-
ZXY1010A-180M	18	35.0 (28.3)	4.8	4.5	0.45	-
ZXY1010A-220M	22	45.0 (37.2)	4.3	4.0	0.40	-
ZXY1010B-100M	10	18	7.5	5.5	1.20	0.20
ZXY1010B-120M	12	20	6.0	5.0	1.20	0.20
ZXY1010B-150M	15	23	5.3	4.8	1.20	0.20

--ZXY1010AG 系列

DIMENSIONS (mm) AND SHAPES



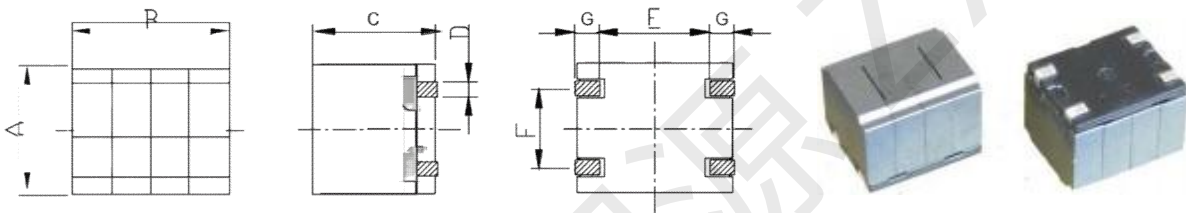
TYPE	A±0.3	B±0.5	C Max	D±0.1	E±0.5	F±0.5	G Ref
ZXYAG-	10.5	6.4	10.5	0.60	4.0	7.0	4.0

ELECTRICAL CHARACTERISTICS

TYPE	Inductance (μH) $\pm 20\%$	DC resistance ($\text{m}\Omega$) max	I_{SAT} (A) max	I_{RISE} (A) max
ZXY1010AG-100M	10	20.5 (17.5)	7.5	4.5
ZXY1010AG-120M	12	20.5 (17.5)	6.5	4.5
ZXY1010AG-150M	15	20.5 (17.5)	5.0	4.5
ZXY1010AG-220M	22	20.5 (17.5)	3.5	4.5
ZXY1010AG-330M	22	20.5 (17.5)	2.0	4.5

--ZXY1010B 系列

DIMENSIONS (mm) AND SHAPES



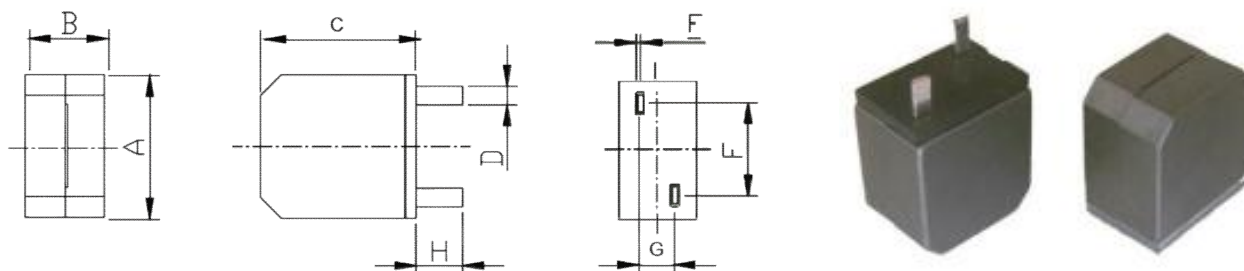
TYPE	A ± 0.5	B ± 0.8	C max	D ref	E ref	F ref	G ref
ZXY1010B/C-	10.5	12.8	10.5	1.2	9.0	6.4	1.9

ELECTRICAL CHARACTERISTICS

TYPE	Inductance (μH) $\pm 25\%$	DC resistance ($\text{m}\Omega$) max	Rated DC current (A) max	Allowable current (A) max
ZXY1010C-100	10	25	8.5	3.7
ZXY1010B-100	10	18	7.1	4.2
ZXY1010B-120	12	20	6.0	4.0
ZXY1010B-150	15	23	5.3	3.8
ZXY1010B-220	22	38	4.3	3.5

--ZXY1315B 系列

DIMENSIONS (mm) AND SHAPES



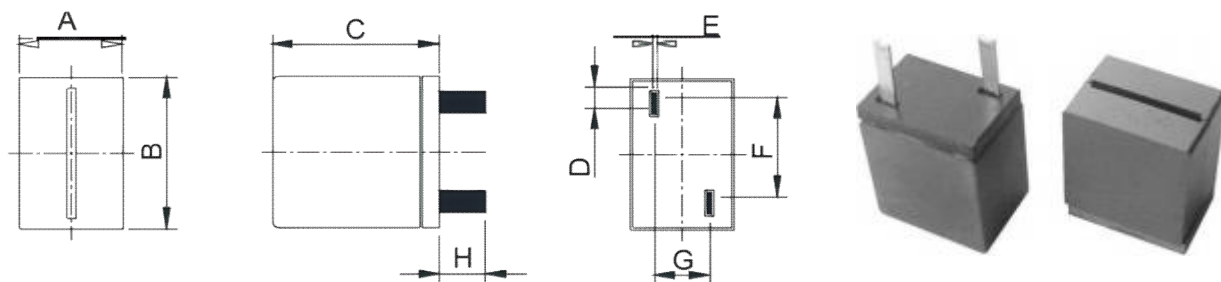
TYPE	A ± 0.5	B ± 0.5	C Max	D ± 0.1	E ± 0.1	F ± 0.5	G ± 0.5	H ± 1.0
ZXY1315L-100	13.0	6.4	15.0	—	—	8.4	3.3	5.0
ZXY1315B-100	13.0	8.4	15.0	—	—	8.4	3.3	5.0

ELECTRICAL CHARACTERISTICS

TYPE	Inductance (uH) $\pm 20\%$	DC resistance (m Ω) max	ISAT (A) max	IRISE (A) max	Dimension	
					D	E
ZXY1315L-100	10	11	9	6	1.8	0.33
ZXY1315B-100	10	5.6	7	8.5	1.8	0.5
ZXY1315B-120	12	6.5	6.6	8	1.8	0.5
ZXY1315B-150	15	7.2	5.5	7.5	1.8	0.5
ZXY1315B-220	22	9	5.2	7	1.8	0.4
ZXY1315B-270	27	15	4	6	1.8	0.33
ZXY1315B-330	33	16	3.8	5.5	1.8	0.33

--ZXY1315E 系列

DIMENSIONS (mm) AND SHAPES



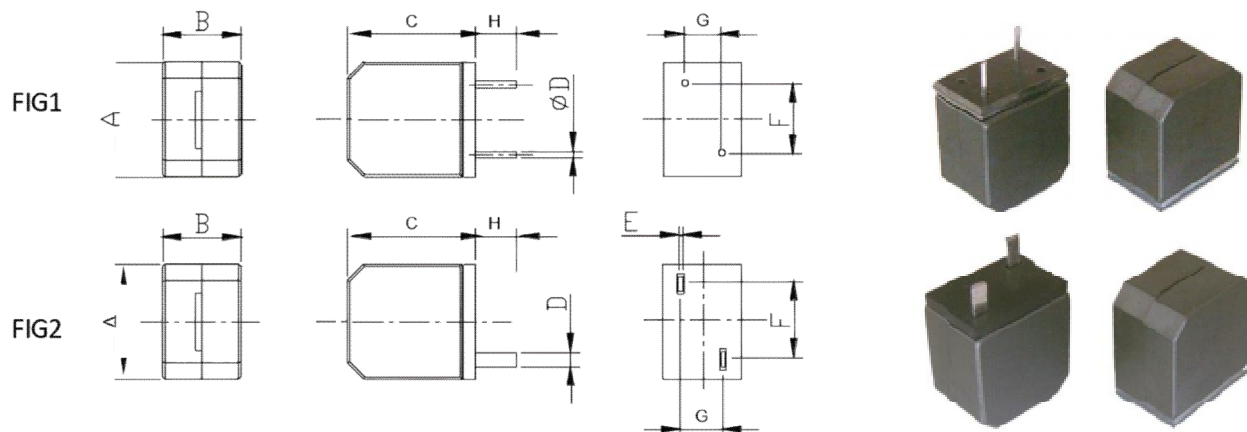
TYPE	A±0.5	B±0.5	C Max	D±0.1	E±0.1	F±0.5	G±0.5	H±1.0
ZXY1315E-	12.8	9.0	15.0	1.8	0.4	8.4	4.8	5.0

ELECTRICAL CHARACTERISTICS

TYPE	Inductance (uH) ±20%	DC resistance (mΩ) max	Isat (A) max	IRISE (A) max
ZXY1315E-100	10	10.0(7.5)	11.0	7.5
ZXY1315E-150	15	12.0(8.1)	9.5	7.0
ZXY1315E-220	22	12.0(8.1)	5.2	7.0
ZXY1315E-330	33	12.0(8.1)	3.5	7.0

--ZXY1416A/B 系列

DIMENSIONS (mm) AND SHAPES



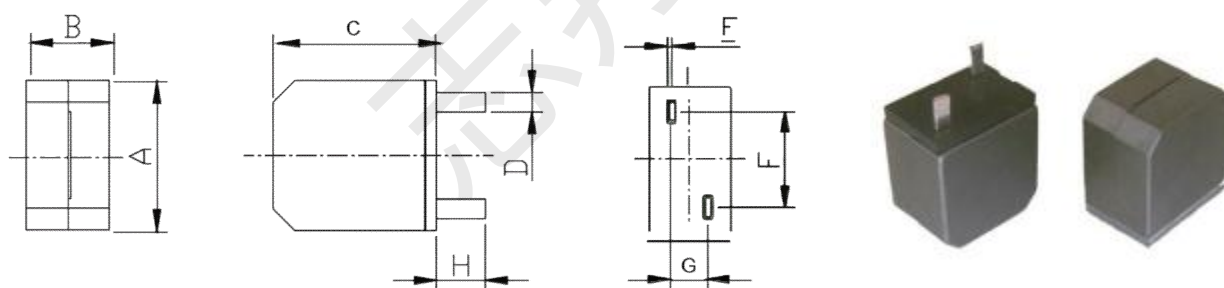
TYPE	A±0.3	B±0.5	C Max	D±0.1	E±0.1	F±0.5	G±0.5	H±0.5	FIG
ZXY1416A-	14.0	9.6	16.0	*		8.5	4.5	5.0	1
ZXY1416B-	14.0	9.6	16.0	*	*	9.2	5.2	5.0	2

ELECTRICAL CHARACTERISTICS

TYPE	Inductance (uH) ±20%	DC resistance (mΩ) max	Isat (A) max	Irise (A) max	Dimension	
					D	E
ZXY1416A-100	10	15.0	11.5	7.0	0.80	---
ZXY1416A-150	15	18.0	10.0	6.0	0.80	---
ZXY1416A-220	22	20.0	8.0	5.5	0.70	---
ZXY1416A-330	33	28.0	5.5	5.0	0.65	---
ZXY1416B-100	10	6.5	9.0	8	1.80	0.50
ZXY1416B-120	12	6.5	8.5	8	1.80	0.50
ZXY1416B-150	15	7.0	7.5	7.5	1.80	0.50
ZXY1416B-220	22	12.0	6.5	7	1.80	0.43
ZXY1416B-330	33	15.0	6	6	1.80	0.35
ZXY1416B-470	47	20.0	5	5	1.80	0.30

--ZXY1416C 系列

DIMENSIONS (mm) AND SHAPES



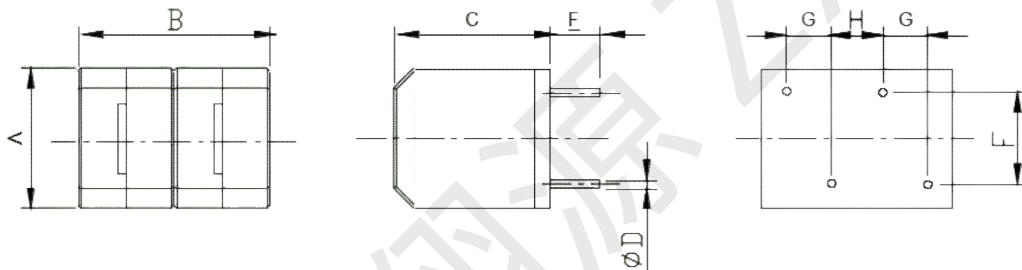
TYPE	A±0.5	B±0.5	C Max	D±0.1	E±0.1	F±0.5	G±0.5	H±1.0
ZXY1416C-	14.0	9.6	16.0	*		8.5	4.5	5.0

ELECTRICAL CHARACTERISTICS

TYPE	Inductance (μH) $\pm 20\%$	DC resistance ($\text{m}\Omega$) Max (Typ)	I_{SAT} (A) max	I_{RISE} (A) max	Dimension	
					D	E
ZXY1416C-100	10	15.0 (11.3)	15	7	1.80	0.35
ZXY1416C-120	12	16.0 (12.0)	13	7	1.80	0.35
ZXY1416C-150	15	12.0 (8.2)	11	8	1.80	0.43
ZXY1416C-220	22	16.0 (12.0)	10	7	1.80	0.35
ZXY1416C-330	27	20.0 (16.2)	9	5	1.80	0.30

--ZXY1416A 系列

DIMENSIONS (mm) AND SHAPES



TYPE	A ± 0.3	B ± 0.5	C Max	D	E ± 1.0	F ± 0.5	G ± 0.5	H ± 0.5
ZXY1416A-100	14.0	19.5	16.0	0.80	5.0	8.5	4.5	5.2
ZXY1416A-150	14.0	19.5	16.0	0.80	5.0	8.5	4.5	5.2
ZXY1416A-220	14.0	19.5	16.0	0.70	5.0	8.5	4.5	5.2
ZXY1416A-330	14.0	19.5	16.0	0.65	5.0	8.5	4.5	5.2

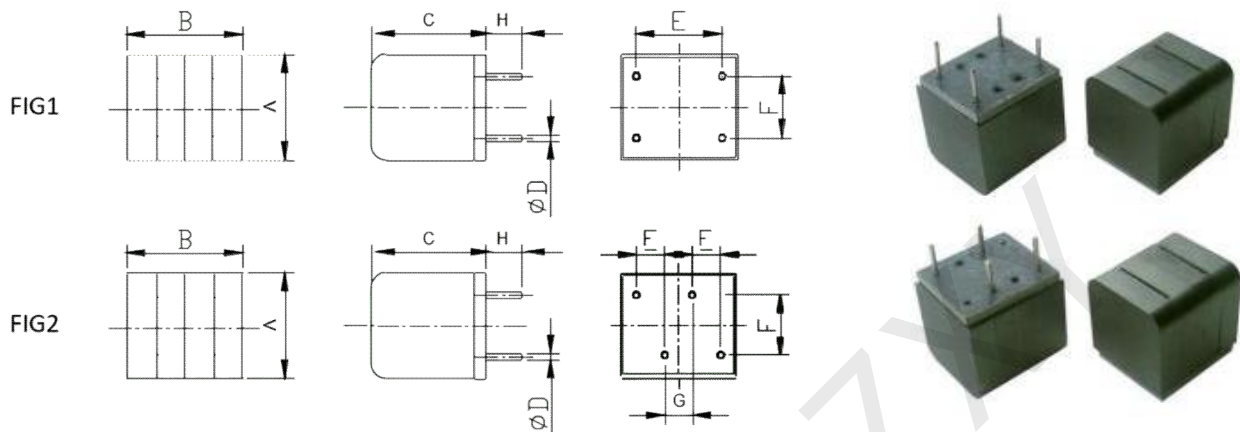
ELECTRICAL CHARACTERISTICS

TYPE	Inductance (μH) $\pm 20\%$	DC resistance ($\text{m}\Omega$) max	DC saturation allowable current (A) max	Temperature rise allowable current (A) max
ZXY1416A-100	10	15.0	11.5	7.0

ZXY1416A-150	15	18.0	10.0	6.0
ZXY1416A-220	22	20.0	8.0	5.5
ZXY1416A-330	33	28.0	5.5	5.0

--ZXY1516A/B 系列

DIMENSIONS (mm) AND SHAPES



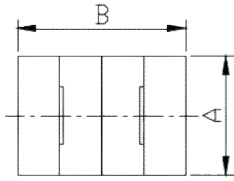
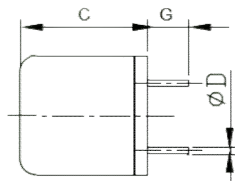
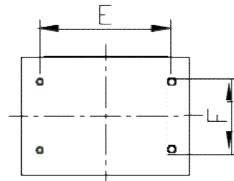
TYPE	A±0.5	B Max	C Max	D±0.1	E±0.5	F±0.5	G±0.5	H±0.5	FIG
ZXY1516A-	14.5	16.5	16.0	-	11.8	8.5	-	5.0	1
ZXY1516B-	14.5	16.5	16.0	-	4.0	8.5	3.8	5.0	2

ELECTRICAL CHARACTERISTICS

TYPE	Inductance (uH) ±20%	DC resistance (mΩ) max	DC saturation allowable current (A) max	Temperature rise allowable current (A) max	Dimension D (mm)
ZXY1516A-100	10	11.0	11.0	7.0	0.8
ZXY1516A-150	15	16.5	8.4	5.4	0.7
ZXY1516A-220	22	18.0	6.2	5.1	0.7
ZXY1516A-330	33	22.0	5.5	4.5	0.6
ZXY1516B-100	10	11.0	11.0	7.0	0.8

--ZXY1521A 系列

DIMENSIONS (mm) AND SHAPES



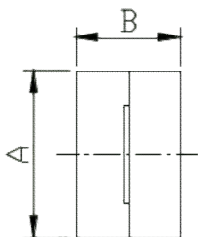
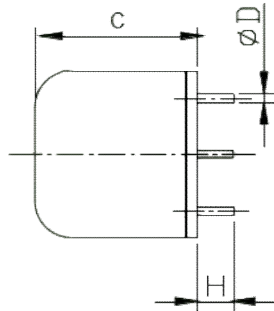
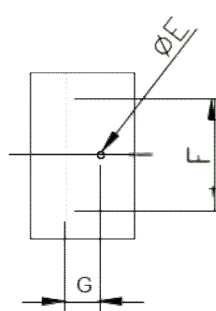
TYPE	A±0.5	B Max	C Max	D±0.1	E±0.5	F±0.5	G±1.0
ZXY1521A-100	14.5	21.5	16.0	0.90	16.5	8.5	5.0
ZXY1521A-150	14.5	21.5	16.0	0.80	16.5	8.5	5.0
ZXY1521A-220	14.5	21.5	16.0	0.70	16.5	8.5	5.0
ZXY1521A-330	14.5	21.5	16.0	0.70	16.5	8.5	5.0

ELECTRICAL CHARACTERISTICS

TYPE	Inductance (uH) ±20%	DC resistance (mΩ) max	DC saturation allowable current (A) max	Temperature rise allowable current (A) max
ZXY1521A-100	10	11.0	14.0	7.7
ZXY1521A-150	15	16.0	12.5	6.4
ZXY1521A-220	22	26.0	10.0	5.5
ZXY1521A-330	33	33.0	8.5	5.0

--ZXY2023B 系列

DIMENSIONS (mm) AND SHAPES



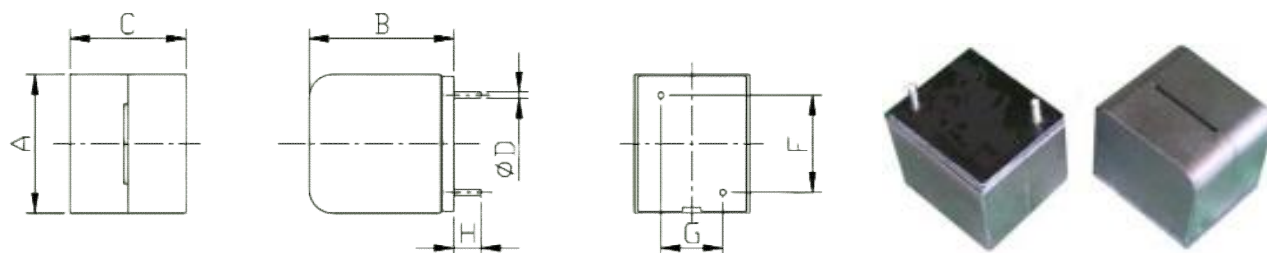
TYPE	A±0.35	B±0.5	C Max	D±0.1	E±0.1	F±0.5	G±0.5	H±1.0
ZXY2023B-100	23.0	14.5	23.0	1.2	1.0	15.5	5.0	5.0
ZXY2023B-120	23.0	14.5	23.0	1.2	1.0	15.5	5.0	5.0
ZXY2023B-150	23.0	14.5	23.0	1.2	1.0	15.5	5.0	5.0
ZXY2023B-180	23.0	14.5	23.0	1.2	1.0	15.5	5.0	5.0
ZXY2023B-220	23.0	14.5	23.0	1.2	1.0	15.5	5.0	5.0
ZXY2023B-330	23.0	14.5	23.0	1.1	1.0	15.5	5.0	5.0

ELECTRICAL CHARACTERISTICS

TYPE	Inductance (uH) ±20%	DC resistance (mΩ) max	DC saturation allowable current (A) max	Temperature rise allowable current (A) max
ZXY2023B-100	10	8.3	31.5	9.1
ZXY2023B-120	12	8.3	26.0	9.1
ZXY2023B-150	15	9.1	23.5	8.7
ZXY2023B-180	18	8.3	17.5	9.1
ZXY2023B-220	22	9.1	16.5	8.7
ZXY2023B-330	33	12.0	11.0	8.0

--ZXY1719A 系列

DIMENSIONS (mm) AND SHAPES



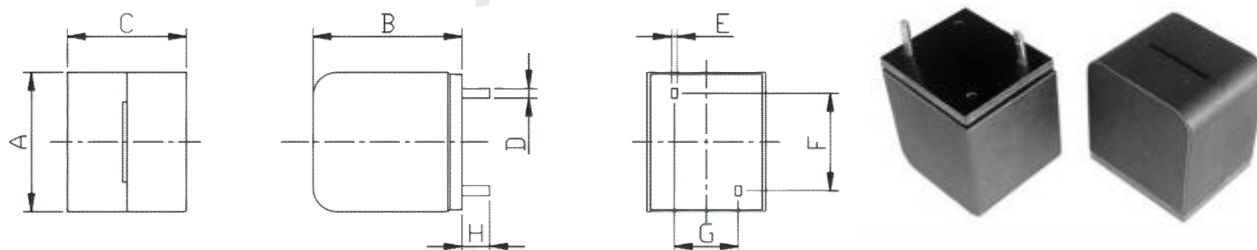
TYPE	Amm (± 0.5)	Bmm (max)	Cmm (± 0.5)	Dmm (± 0.1)	Emm	Fmm (± 0.5)	Gmm (± 0.5)	Hmm (± 1.0)
ZXY1719A-100	17.5	19.3	15.0	1.0		12.5	8.5	5.0
ZXY1719A-150	17.5	19.3	15.0	1.0		12.5	8.5	5.0
ZXY1719A-220	17.5	19.3	15.0	0.8		12.5	8.5	5.0
ZXY1719A-330	17.5	19.3	15.0	0.7		12.5	8.5	5.0
ZXY1719A-470	17.5	19.3	15.0	0.6		12.5	8.5	5.0

ELECTRICAL CHARACTERISTICS

TYPE	Inductance (μH) $\pm 20\%$	DC resistance ($\text{m}\Omega$) $\pm 25\%$	Rated DC current (A) max	Allowable current (A) max
ZXY1719A-100	10	7.0	22.0	10.0
ZXY1719A-150	15	8.0	18.0	9.0
ZXY1719A-220	22	15.0	14.0	6.5
ZXY1719A-330	33	22.8	12.0	6.0
ZXY1719A-470	47	34.0	8.0	5.0

--ZXY1719B 系列

DIMENSIONS (mm) AND SHAPES



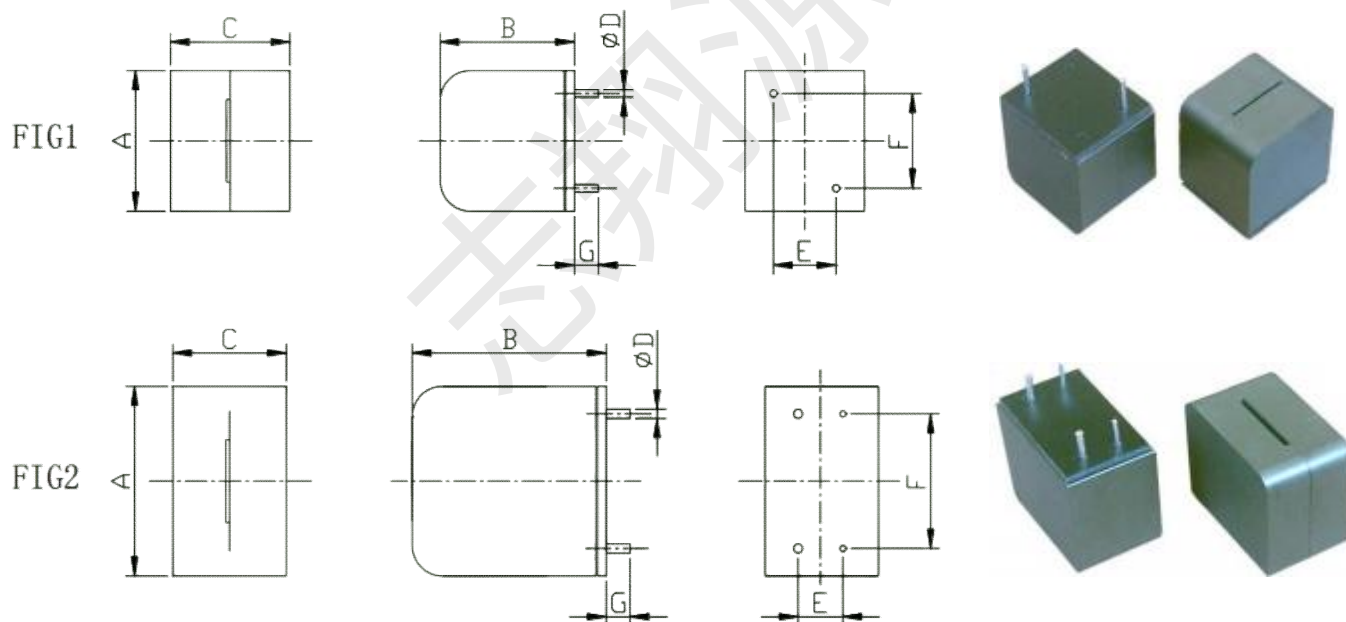
TYPE	Amm (± 0.5)	Bmm (max)	Cmm (± 0.5)	Dmm (± 0.1)	Emm (± 0.1)	Fmm (± 0.5)	Gmm (± 0.5)	Hmm (± 1.0)
ZXY1719B-SERIES	17.5	19.3	15.0	1.2	0.70	12.5	8.5	5.0

ELECTRICAL CHARACTERISTICS

TYPE	Inductance (μH) $\pm 20\%$	DC resistance ($\text{m}\Omega$) $\pm 25\%$	Rated DC current (A) max	Allowable current (A) max
ZXY1719B-100	10	6.4	22.0	12.0
ZXY1719B-150	15	7.2	18.0	10.0
ZXY1719B-220	22	8.7	14.0	9.0
ZXY1719B-330	33	10.2	12.0	8.0

--ZXY2023A/1931A 系列

DIMENSIONS (mm) AND SHAPES



TYPE	A ± 0.5	B max	C ± 0.5	D	E ± 0.5	F ± 0.5	G ± 1.0	FIG.
ZXY2023A	23.0	23.0	20.0	---	10.5	15.5	5.0	1
ZXY1931A	31.0	33.0	19.0	---	7.5	22.0	5.0	2

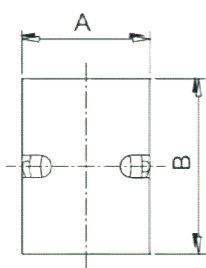
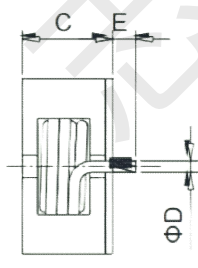
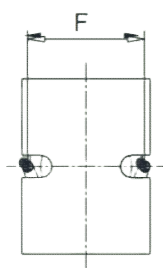
Notes: "D" size with inductance change.

ELECTRICAL CHARACTERISTICS

TYPE	Inductance (μH) $\pm 20\%$	DC resistance ($\text{m}\Omega$) $\pm 25\%$	Rated DC current (A) max	Allowable current (A) max
ZXY2023A-100	10	3.8	36	12
ZXY2023A-150	15	4.2	30	12
ZXY2023A-220	22	8.1	18.5	10
ZXY2023A-330	33	13.1	12	10
ZXY1931A-100	10	4.0	>50	18
ZXY1931A-150	15	4.5	40	15
ZXY1931A-220	22	5.6	31	12
ZXY1931A-330	33	8.2	25	10

--ZXY3718H 系列

DIMENSIONS (mm) AND SHAPES



Not

TYPE	A ± 0.8	B ± 0.8	C Max	D	E ± 0.5	F ± 0.5
ZXY3718H-	28.0	37.5	21.0	---	10.0	25.0

Notes: "D" size with inductance change.



ELECTRICAL CHARACTERISTICS

TYPE	Inductance (uH) ±20%	DC resistance (m Ω) ±25%	Rated DC current (A) max	Allowable current (A) max	Dimension D
ZXY3817H-100	10				2.40
ZXY3817H-150	15				2.20
ZXY3817H-220	22				2.00
ZXY3817H-330	33				1.80

志翔源 ZXY