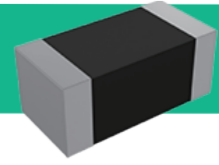


叠层片式铁氧体磁珠—EPZ 系列 Multilayer Chip Ferrite Bead – EPZ Series



工作温度 Operating Temp

◆ -55°C ~ +125°C

特征 Features

- ◆ 内部印有银电极的叠层结构，铁氧体屏蔽无串扰
- ◆ 迭层独石结构具有良好的可靠性
- ◆ 具有比 UPZ 更小的直流电阻，和更大的耐电流特性
- ◆ 在较宽的频率范围内具有优良的 EMI 抑制效果
- ◆ Internal silver printed layers and magnetic shielded structures to minimize crosstalk
- ◆ Monolithic structure for excellent reliability
- ◆ Smaller DC resistance and larger allowable current than UPZ series
- ◆ Can be used in a wide range of frequency to suppress EMI

用途 Applications

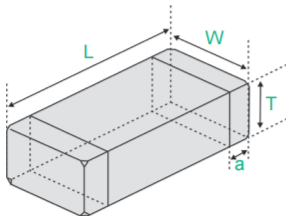
- ◆ 通讯设备、音视频设备、电脑及周边设备等电源 线或大功率线路的噪声抑制
- ◆ Noise suppression for power lines or large current signal lines of electric equipments, such as communication equipments, computers, A/V equipments, etc.

产品型号 Product Identification

1	2	3	4	5	6
EPZ	4030	U	300	-10R0	T

1	分类 Type	2	外形尺寸 (L×W) (mm) External Dimensions (L×W) (mm)	3	材料代号 Material Code
EPZ	片式铁氧体特大电流磁珠 Chip Ferrite Bead for Extra High Current	1005 [0402]	1.0×0.5		D,E,U
		4030 [1612]	4.0×3.0		
4	公称阻抗值 Nominal Impedance	5	额定电流值 Rated Current	6	包装 Packing
Example	Nominal Value	10R0	10A	T	编带 Tape & Reel
560	56Ω				

外观尺寸 Shape and Dimensions



Type	L	W	T	a
EPZ1005 [0402]	1.0±0.15 [.039±.006]	0.5±0.15 [.020±.006]	0.5±0.15 [.020±.006]	0.25±0.1 [.010±.004]
EPZ4030 [1612]	4.0±0.2 [.158±.008]	3.0±0.2 [.118±.008]	1.6±0.2 [.063±.008]	0.8±0.3 [.031±.012]

Unit: mm [inch]

规格特性 Specifications

EPZ1005TYPE

型号 Part Number	阻抗 Impedance	阻抗的测试频率 Z Test Frequency	直流电阻 Max. DC Resistance	额定电流 Max. Rated Current	厚度 Thickness
单位 Units	Ω	MHz	m Ω	mA	mm [inch]
符号 Symbol	Z	Freq.	DCR	I _r	T
EPZ1005D100-3R1T	10 $\pm$ 25%	100	18	3100	0.5 $\pm$ 0.15 [.020 $\pm$.006]
EPZ1005D800-2R3T	80 $\pm$ 25%	100	38	2300	
EPZ1005D121-2R0T	120 $\pm$ 25%	100	50	2000	
EPZ1005E221-1R2T	220 $\pm$ 25%	100	100	1200	

EPZ4030TYPE

型号 Part Number	阻抗 Impedance	阻抗的测试频率 Z Test Frequency	直流电阻 Max. DC Resistance	额定电流 Max. Rated Current	厚度 Thickness
单位 Units	Ω	MHz	m Ω	mA	mm [inch]
符号 Symbol	Z	Freq.	DCR	I _r	T
EPZ4030D300-10R0T	30 $\pm$ 25%	100	4	10000	1.6 $\pm$ 0.2 [.063 $\pm$.008]
EPZ4030D400-10R0T	40 $\pm$ 25%	100	4	10000	
EPZ4030D560-10R0T	56 $\pm$ 25%	100	4	10000	
EPZ4030U300-10R0T	30 $\pm$ 25%	100	4	10000	
EPZ4030U360-10R0TB01	36 $\pm$ 25%	100	0.75	10000	
EPZ4030U400-10R0T	40 $\pm$ 25%	100	4	10000	
EPZ4030U560-10R0T	56 $\pm$ 25%	100	4	10000	

※: 可根据客户需求提供其他电气特性产品, 请联系您当地的销售人员。

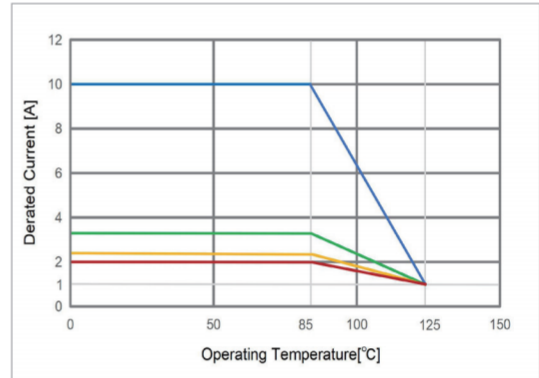
※: Products with other Electrical Characteristics can be provided upon customer's request. Please contact your local sales.

电气特性

Typical Electrical Characteristics

额定电流 Rated Current

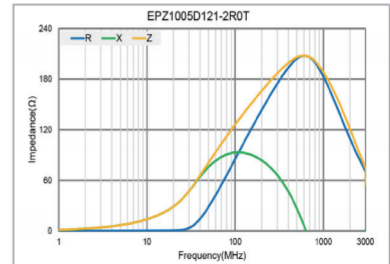
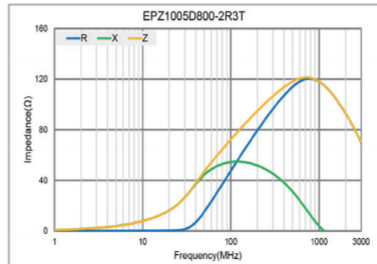
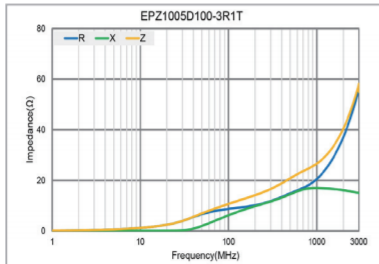
当工作温度超过 +85°C 时, 额定电流为 1000mA 及以上的片式铁氧体磁珠需要降额。请根据工作温度应用图表中所示的降额曲线。When operating temperatures exceed +85°C, derating of current is necessary for chip ferrite beads for which rated current is 1000mA and over. Please apply the derating curve shown in chart according to the operating temperature.



电气特性

Detail Electrical Characteristics

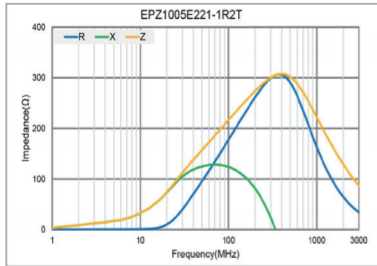
EPZ1005 TYPE



电气特性

Detail Electrical Characteristics

EPZ1005 TYPE



EPZ4030 TYPE

