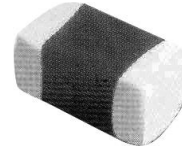


MINIATURE SMD CHIP CHOKE COILS

片式铁氧体磁珠—PB 系列

Chip Ferrite Bead – PB Series

Operating Temp. : -55°C~ +125°C



特征

- 具有较大的额定电流，允许的最大电流为：6A
- 在较宽的频率范围内有高阻抗值及 EMI 抑制效果
- 适合于流焊和回流焊

FEATURES

- Large withstand voltage (allowable current: up to 6A)
- High impedance over a wide frequency range
- Applicable to flow and re-flow soldering

用途

- 数字视听产品、车用电子设备、通讯设备、OA 设备和其它

APPLICATIONS

- Video/audio equipment, automotive electrical equipment, communication equipment, OA equipment, etc.

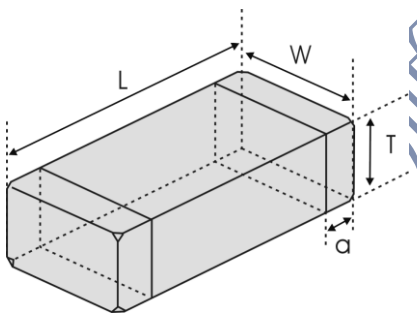
产品型号

PRODUCT IDENTIFICATION

<u>PB</u>	<u>1608</u>	<u>U</u>	<u>121</u>	<u>-1R5</u>	<u>T</u>	<u>(f)</u>																						
①	②	③	④	⑤	⑥	⑦																						
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外观尺寸

SHAPE AND DIMENSIONS



Unit:mm [inch]

Type	L	W	T	a
PB1608 [0603]	1.6±0.15 [.063±.006]	0.8±0.15 [.031±.006]	0.8±0.15 [.031±.006]	0.3±0.2 [.012±.008]
PB2012 [0805]	2.0 (+0.3, -0.1) [.079 (+.012, -.004)]	1.25±0.2 [.049±.008]	0.85±0.2 [.033±.008] 1.25±0.2 [.049±.008]	0.5±0.3 [.020±.012]
PB3216 [1206]	3.2±0.2 [.126±.008]	1.6±0.2 [.063±.008]	0.85±0.2 [.033±.008] 1.1±0.2 [.043±.008]	

规格特性

SPECIFICATIONS

PB1608 TYPE

Part Number 型号	Impedance 阻抗	Z Test Frequency 阻抗的测试频率	Max.DC Resistance 直流电阻	Max.Rated Current 额定电流	Thickness 厚度
Units 单位	Ω	MHB	Ω	mA	mm [inch]
Symbol 符号	Z	Freq.	DCR	I _r	T
PB1608D300	30±25%	100	0.03	3000	0.8±0.15 [.031±.006]
PB1608D750	75±25%	100	0.15	1000	
PB1608D121	120±25%	100	0.20	1000	

MINIATURE SMD CHIP CHOKE COILS

规格特性

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Units 单位	Ω	MHB	Ω	mA	mm [inch]
Symbol 符号	Z	Freq.	DCR	I _r	T
PB1608U100	5~15	100	0.02	3000	0.8±0.15 [.031±.006]
PB1608U300	30±25%	100	0.03	2000	
PB1608U600	60±25%	100	0.08	2000	
PB1608U121	120±25%	100	0.10	1000	
PB1608U221	220±25%	100	0.15	800	
PB1608U301	300±25%	100	0.20	600	

PB2012 TYPE

Part Number 型号	Impedance 阻抗	Z Test Frequency 阻抗的测试频率	Max. DC Resistance 直流电阻	Max. Rated Current 额定电流	Thickness 厚度
Units 单位	Ω	MHB	Ω	mA	mm [inch]
Symbol 符号	Z	Freq.	DCR	I _r	T
PB2012D390	39±25%	100	0.02	4000	0.85±0.2 [.033±.008]
PB2012D800	80±25%	100	0.04	3000	
PB2012D121	120±25%	100	0.06	2500	
PB2012D301	300±25%	100	0.12	1500	
PB2012D471	470±25%	100	0.25	1000	
PB2012U300	30±25%	100	0.02	3000	
PB2012U600	60±25%	100	0.025	3000	
PB2012U121	120±25%	100	0.04	2500	
PB2012U221	220±25%	100	0.07	2000	
PB2012U301	300±25%	100	0.10	1500	
PB2012U421	420±25%	100	0.15	1000	
PB2012U601	600±25%	100	0.25	500	

Note: The thickness of product may be increased when the I_r of product increased.
For PB2012 series, the thickness of product may be increased to 1.25±0.2mm.

PB3216 TYPE

Part Number 型号	Impedance 阻抗	Z Test Frequency 阻抗的测试频率	Max. DC Resistance 直流电阻	Max. Rated Current 额定电流	Thickness 厚度
Units 单位	Ω	MHB	Ω	mA	mm [inch]
Symbol 符号	Z	Freq.	DCR	I _r	T
PB3216D380	38±25%	100	0.005	6000	0.85±0.2 [.033±.008]
PB3216D600	60±25%	100	0.01	4000	
PB3216D501	500±25%	100	0.07	2000	
PB3216U300	30±25%	100	0.01	6000	
PB3216U600	60±25%	100	0.025	4000	
PB3216U121	120±25%	100	0.03	3000	
PB3216U221	220±25%	100	0.08	2000	
PB3216U301	300±25%	100	0.10	2000	
PB3216U421	420±25%	100	0.15	1500	
PB3216U601	600±25%	100	0.20	1000	
PB3216U102	1000±25%	100	0.30	500	

Note: The thickness of product may be increased when the I_r of product increased.
For PB3216 series, the thickness of product may be increased to 1.1±0.2mm.

* : Products with other electrical characteristics can be provided upon customer's request. Please contact your local sales.