

■ PBS 系列功率電感 PBS SERIES SMD POWER INDUCTORS

- 特征 FEATURES:
 - 大電流; High saturation current
 - 屏蔽結構; Magnetic shielded
 - 適合于表面貼裝,適合于回流焊。SMT type, suitable for solder reflow.



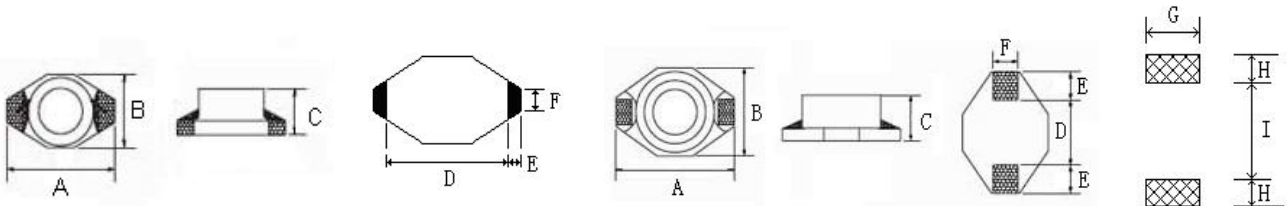
- 應用 APPLICATIONS
 1. 移動通信,筆記本電腦; Portable communication equipment, Notebook Computer
 2. LCD電視,錄像機; LCD televisions, Power supply for VTRs DC/DC轉換。DC/DC converters etc.

• 產品規格型號的表示方法HOW TO ORDER

PBS 1608 — 150 M T
① ② ③ ④ ⑤

① 產品代號 Product Code		② 規格尺寸(L×W×T) (mm) Dimensions		③ 感量(μH) Inductance		④ 誤差 Tolerance		⑤ 包裝方式 Packaging Style	
PBS	PBS系列 功率電感	1608	6.40×4.10×2.60	150	15	M	±20%	T	卷帶盤裝 Tape & Reel
		3316	12.70×9.20×4.90	101	100	N	±30%	B	散裝 Bulk
		5022	18.10×14.10×6.80	102	1000				

外形尺寸 DIMENSIONS



PBS1608 系列

PBS3316&PBO5022 系列

單位(Unit): mm

型號Part	A	B	C	D	E	F	G	H	I
PBS1608	6.40	4.10	2.80	4.32	1.02	1.27	3.56	1.40	4.06
PBS3316	12.70	9.20	4.90	7.62	2.54	2.52	2.79	2.92	7.37
PBS5022	18.10	14.10	6.80	12.70	2.54	2.54	2.79	2.92	12.45

PBS系列功率電感
PBS SERIES SMD POWER INDUCTORS

PBS1608 Series

型號 Part Number	電感量 L (μH)	公差 Tolerance	測試頻率 Test Freq.	直流電阻 DCR(Ω)Max	Isat(A)
PBS1608-1R0NT	1.0	±30%	100kHz	0.070	1.400
PBS1608-1R5NT	1.5	±30%	100kHz	0.080	0.930
PBS1608-2R2NT	2.2	±30%	100kHz	0.088	0.920
PBS1608-3R3NT	3.3	±30%	100kHz	0.102	0.750
PBS1608-4R7NT	4.7	±30%	100kHz	0.115	0.580
PBS1608-6R8NT	6.8	±30%	100kHz	0.125	0.580
PBS1608-8R2NT	8.2	±30%	100kHz	0.150	0.470
PBS1608-100MT	10	±20%	100kHz	0.150	0.370
PBS1608-150MT	15	±20%	100kHz	0.260	0.310
PBS1608-220MT	22	±20%	100kHz	0.320	0.300
PBS1608-330MT	33	±20%	100kHz	0.360	0.300
PBS1608-470MT	47	±20%	100kHz	0.450	0.240
PBS1608-680MT	68	±20%	100kHz	0.800	0.170
PBS1608-101MT	100	±20%	100kHz	1.000	0.130
PBS1608-151MT	150	±20%	100kHz	1.500	0.100
PBS1608-221MT	220	±20%	100kHz	2.000	0.100
PBS1608-331MT	330	±20%	100kHz	2.350	0.070

PBS3316 Series

型號 Part Number	電感量 L (μH)	公差 Tolerance	測試頻率 Test Freq.	直流電阻 DCR(Ω)Max	Isat(A)
PBS3316-1R0NT	1.0	±30%	100kHz	0.021	5.60
PBS3316-1R5NT	1.5	±30%	100kHz	0.022	5.20
PBS3316-2R2NT	2.2	±30%	100kHz	0.032	5.00
PBS3316-3R3NT	3.3	±30%	100kHz	0.039	3.90
PBS3316-4R7NT	4.7	±30%	100kHz	0.054	3.20
PBS3316-6R8NT	6.8	±30%	100kHz	0.075	2.80
PBS3316-100MT	10	±20%	100kHz	0.101	2.40
PBS3316-150MT	15	±20%	100kHz	0.150	2.00
PBS3316-220MT	22	±20%	100kHz	0.207	1.60
PBS3316-330MT	33	±20%	100kHz	0.334	1.40
PBS3316-470MT	47	±20%	100kHz	0.472	1.00
PBS3316-101MT	100	±20%	100kHz	0.490	0.70

PBS5022 Series

型號 Part Number	電感量 L (μH)	公差 Tolerance	測試頻率 Test Freq.	直流電阻 DCR(Ω)Max	Isat(A)
PBS5022-100MT	10	±20%	100kHz	0.040	8.0
PBS5022-150MT	15	±20%	100kHz	0.048	7.0
PBS5022-220MT	22	±20%	100kHz	0.059	6.0
PBS5022-330MT	33	±20%	100kHz	0.095	5.0
PBS5022-470MT	47	±20%	100kHz	0.125	4.0
PBS5022-680MT	68	±20%	100kHz	0.180	3.0
PBS5022-101MT	100	±20%	100kHz	0.250	2.4
PBS5022-151MT	150	±20%	100kHz	0.350	2.1
PBS5022-221MT	220	±20%	100kHz	0.550	1.9
PBS5022-331MT	330	±20%	100kHz	1.080	1.1
PBS5022-471MT	470	±20%	100kHz	1.190	1.1
PBS5022-681MT	680	±20%	100kHz	1.400	0.96
PBS5022-102MT	1000	±20%	100kHz	2.010	0.80

Isat: 飽和電流, 加Isat時, 電感值相對初始值下降 ≤ 10%

Isat: Saturation Current, the current when the inductance becomes 10% lower than its initial value.