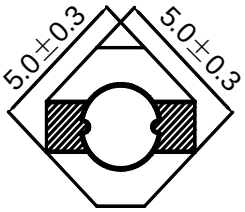
P&Z品展

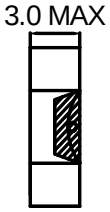
Power Inductor for Surface Mounting

Inductance Range：1.0μH~1800μH
Temperature Range：－40℃～＋125℃

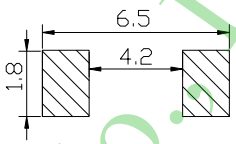
PDRA5028-Series

DIMENSIONS(mm)



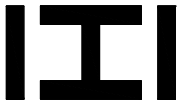


LAND PATTERNS(mm)



CONSTRUCTION

Shield



RoHS Compliant(SGS Certified Result)

Pb	Cd	Cr＋6	PBBs	PBDEs
＜1000ppm	ND	ND	ND	ND

FEATURES：

★Quantity / Reel: 2500pcs
★Small products, Octagonal 5.0mm, Height 2.7mm Type.
★The use of carrier tape package for SMT reflow soldering process
★Widely use in DC-DC converter/LCD TV/Notebook/
PDA/MP3 & MP4 player/Digital camera/DVD etc.
★Design to customer requirement

Electrical Characteristics：

Part Number	Test Condition	Inductance (μH)	Tolerance （%）	D.C.R(mΩ) Max.	Rated Current(A)
PDRA5028-1R0M	100KHz/0.3V	1.0	±20	15	4.00
PDRA5028-1R2M	100KHz/0.3V	1.2	±20	22	3.80
PDRA5028-1R5M	100KHz/0.3V	1.5	±20	22	3.80
PDRA5028-2R2M	100KHz/0.3V	2.2	±20	29	2.41
PDRA5028-3R3M	100KHz/0.3V	3.3	±20	34	2.36
PDRA5028-4R7M	100KHz/0.3V	4.7	±20	45	1.87
PDRA5028-5R6M	100KHz/0.3V	5.6	±20	52	1.60
PDRA5028-6R8M	100KHz/0.3V	6.8	±20	68	1.51
PDRA5028-8R2M	100KHz/0.3V	8.2	±20	75	1.40
PDRA5028-100M	1KHz/0.3V	10	±20	90	1.33
PDRA5028-150M	1KHz/0.3V	15	±20	142	1.05
PDRA5028-220M	1KHz/0.3V	22	±20	208	0.86
PDRA5028-270M	1KHz/0.3V	27	±20	238	0.80
PDRA5028-330M	1KHz/0.3V	33	±20	257	0.72
PDRA5028-390M	1KHz/0.3V	39	±20	320	0.65
PDRA5028-470M	1KHz/0.3V	47	±20	352	0.62
PDRA5028-560M	1KHz/0.3V	56	±20	500	0.62
PDRA5028-680M	1KHz/0.3V	68	±20	525	0.51
PDRA5028-820M	1KHz/0.3V	82	±20	730	0.50
PDRA5028-101M	1KHz/0.3V	100	±20	801	0.43
PDRA5028-151M	1KHz/0.3V	150	±20	1100	0.26
PDRA5028-221M	1KHz/0.3V	220	±20	1530	0.20
PDRA5028-271M	1KHz/0.3V	270	±20	1960	0.19
PDRA5028-331M	1KHz/0.3V	330	±20	2030	0.19
PDRA5028-471M	1KHz/0.3V	470	±20	3500	0.15
PDRA5028-102M	1KHz/0.3V	1000	±20	8040	0.10
PDRA5028-122M	1KHz/0.3V	1200	±20	9100	0.09
PDRA5028-152M	1KHz/0.3V	1500	±20	13800	0.08

1、Inductance is measured with a LCR meter:HP4284A & 3532-50 or equivalent.

2、D.C .R is measured with a Digital Multimeter TH2512B or equivalent.

3、Rated Current：The rated current is the current at which the inductance decreases by 25% from the initial value or the temperature rise is △T ＝40℃ ,whichever is smaller(Ta＝20℃).

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