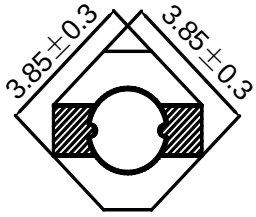
P&Z品展

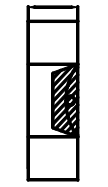
Power Inductor for Surface Mounting

PDRA3818-Series

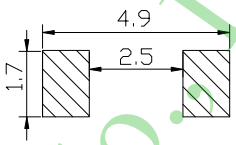
Inductance Range：1.0μH~330μH
Temperature Range：－40℃～＋125℃

DIMENSIONS(mm)



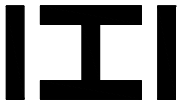


LAND PATTERNS(mm)



CONSTRUCTION

Shield



RoHS Compliant(SGS Certified Result)

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

FEATURES：

★Quantity / Reel: 3500pcs
★Small products, Octagonal 3.85mm, Height 1.8mm 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)
PDRA3818-1R0M	100KHz/0.3V	1.0	±20	30	1.80
PDRA3818-1R2M	100KHz/0.3V	1.2	±20	83	1.70
PDRA3818-1R5M	100KHz/0.3V	1.5	±20	52	1.60
PDRA3818-1R8M	100KHz/0.3V	1.8	±20	56	1.55
PDRA3818-2R2M	100KHz/0.3V	2.2	±20	58	1.50
PDRA3818-2R5M	100KHz/0.3V	2.5	±20	62	1.40
PDRA3818-3R3M	100KHz/0.3V	3.3	±20	64	1.30
PDRA3818-3R5M	100KHz/0.3V	3.5	±20	127	1.30
PDRA3818-4R7M	100KHz/0.3V	4.7	±20	146	1.10
PDRA3818-5R6M	100KHz/0.3V	5.6	±20	176	0.95
PDRA3818-6R2M	100KHz/0.3V	6.2	±20	220	0.91
PDRA3818-6R8M	100KHz/0.3V	6.8	±20	238	0.90
PDRA3818-8R2M	100KHz/0.3V	8.2	±20	272	0.80
PDRA3818-100M	1KHz/0.3V	10	±20	299	0.70
PDRA3818-120M	1KHz/0.3V	12	±20	355	0.65
PDRA3818-150M	1KHz/0.3V	15	±20	472	0.61
PDRA3818-180M	1KHz/0.3V	18	±20	500	0.58
PDRA3818-220M	1KHz/0.3V	22	±20	592	0.52
PDRA3818-270M	1KHz/0.3V	27	±20	630	0.44
PDRA3818-330M	1KHz/0.3V	33	±20	1075	0.43
PDRA3818-470M	1KHz/0.3V	47	±20	1309	0.34
PDRA3818-680M	1KHz/0.3V	68	±20	2613	0.25
PDRA3818-820M	1KHz/0.3V	82	±20	2950	0.20
PDRA3818-101M	1KHz/0.3V	100	±20	3255	0.19
PDRA3818-121M	1KHz/0.3V	120	±20	3350	0.15
PDRA3818-151M	1KHz/0.3V	150	±20	3500	0.12
PDRA3818-181M	1KHz/0.3V	180	±20	4000	0.11
PDRA3818-221M	1KHz/0.3V	220	±20	4800	0.10
PDRA3818-271M	1KHz/0.3V	270	±20	5100	0.09
PDRA3818-331M	1KHz/0.3V	330	±20	7280	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℃).

P&Z Electronic (Dongguan) Co., Ltd E-mail:sale@dgpinzhan.com Web site:http://www.dgpinzhan.com Skype:justin029