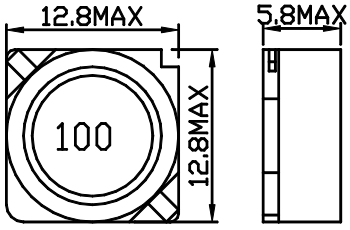
Power Inductor for Surface Mounting

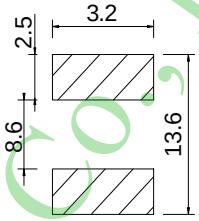
PDRB1255-Series

Inductance Range：10μH~1500μH
Temperature Range：－40℃～＋125℃

DIMENSIONS(mm)

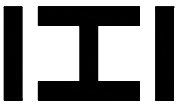


LAND PATTERNS(mm)



CONSTRUCTION

Shield



RoHS Compliant(SGS Certified Result)

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

FEATURES：

★Quantity / Reel: 500pcs
★High current & low DCR, Quadrate12.8mm Max, Heigh5.5mm Type.
★The use of carrier tape package for SMT reflow soldering process
★Widely use in DC-DC converter/LCD TV/Notebook/
PDA /Digital camera/DVD etc.
★Design to customer requirement

Electrical Characteristics：

Part Number	Test Condition	Inductance (μH)	Tolerance （%）	D.C.R(Ω) Max.	Rated Current(A)
PDRB1255-100M	1KHz/0.3V	10	±20	25.80m	3.40
PDRB1255-150M	1KHz/0.3V	15	±20	31.08m	2.80
PDRB1255-220M	1KHz/0.3V	22	±20	40.56m	2.30
PDRB1255-330M	1KHz/0.3V	33	±20	49.80m	1.90
PDRB1255-470M	1KHz/0.3V	47	±20	74.16m	1.60
PDRB1255-680M	1KHz/0.3V	68	±20	99.84m	1.30
PDRB1255-101M	1KHz/0.3V	100	±20	0.140	1.10
PDRB1255-151M	1KHz/0.3V	150	±20	0.228	0.88
PDRB1255-221M	1KHz/0.3V	220	±20	0.324	0.72
PDRB1255-331M	1KHz/0.3V	330	±20	0.492	0.59
PDRB1255-471M	1KHz/0.3V	470	±20	0.624	0.49
PDRB1255-681M	1KHz/0.3V	680	±20	0.912	0.43
PDRB1255-102M	1KHz/0.3V	1000	±20	1.344	0.34
PDRB1255-152M	1KHz/0.3V	1500	±20	2.076	0.29

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