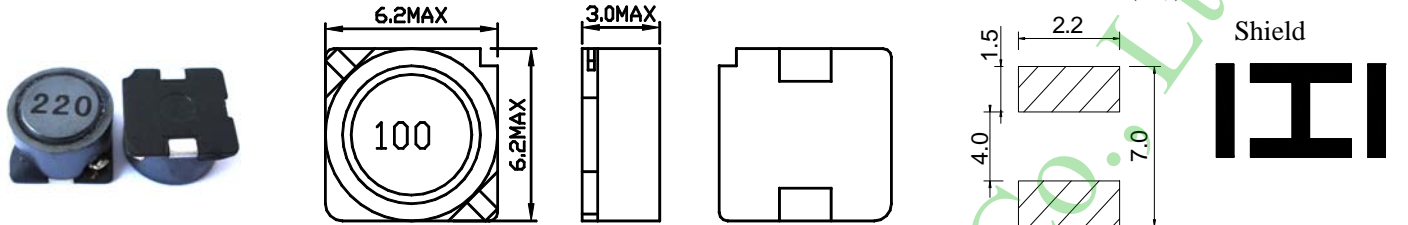


Inductance Range: 10 μ H~330 μ H
Temperature Range: -40 $^{\circ}$ C~+125 $^{\circ}$ C

PDRB6030-Series

DIMENSIONS(mm)



FEATURES:

- ★Quantity / Reel: 2000pcs
- ★High current & low DCR, Quadrate6.2mm Max, Heigh3.0mm 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

RoHS Compliant(SGS Certified Result)				
Pb	Cd	Cr+6	PBBs	PBDEs
<1000ppm	ND	ND	ND	ND

Electrical Characteristics:

Part Number	Test Condition	Inductance (μ H)	Tolerance (%)	D.C.R(Ω) Max.	Rated Current(A)
PDRB6030-100M	1KHz/0.3V	10	\pm 20	0.15	1.10
PDRB6030-120M	1KHz/0.3V	12	\pm 20	0.20	1.00
PDRB6030-150M	1KHz/0.3V	15	\pm 20	0.23	0.90
PDRB6030-180M	1KHz/0.3V	18	\pm 20	0.27	0.80
PDRB6030-220M	1KHz/0.3V	22	\pm 20	0.34	0.74
PDRB6030-270M	1KHz/0.3V	27	\pm 20	0.38	0.66
PDRB6030-330M	1KHz/0.3V	33	\pm 20	0.45	0.59
PDRB6030-390M	1KHz/0.3V	39	\pm 20	0.49	0.54
PDRB6030-470M	1KHz/0.3V	47	\pm 20	0.69	0.50
PDRB6030-560M	1KHz/0.3V	56	\pm 20	0.78	0.46
PDRB6030-680M	1KHz/0.3V	68	\pm 20	1.07	0.42
PDRB6030-820M	1KHz/0.3V	82	\pm 20	1.21	0.38
PDRB6030-101M	1KHz/0.3V	100	\pm 20	1.39	0.34
PDRB6030-121M	1KHz/0.3V	120	\pm 20	1.90	0.31
PDRB6030-151M	1KHz/0.3V	150	\pm 20	2.18	0.28
PDRB6030-181M	1KHz/0.3V	180	\pm 20	2.77	0.26
PDRB6030-221M	1KHz/0.3V	220	\pm 20	3.12	0.23
PDRB6030-271M	1KHz/0.3V	270	\pm 20	4.38	0.22
PDRB6030-331M	1KHz/0.3V	330	\pm 20	4.94	0.19

- 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 $\Delta T=40^{\circ}$ C ,whichever is smaller($T_a=20^{\circ}$ C).