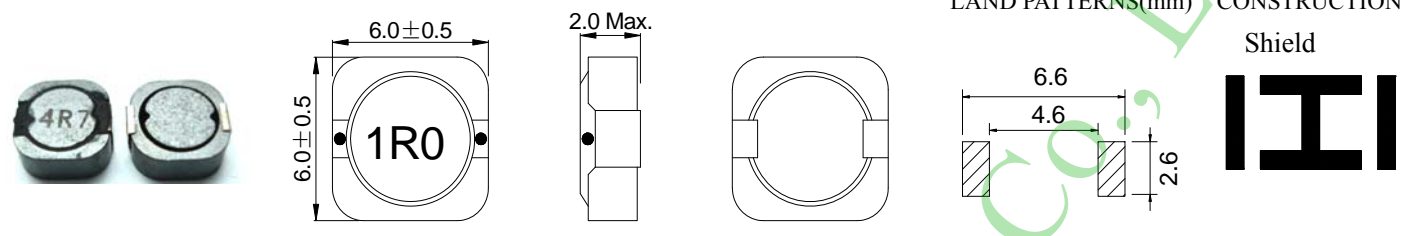


PDRP6020-Series

Inductance Range: 1.0μH~47μH
Temperature Range: -40℃~+125℃

DIMENSIONS(mm)



FEATURES:

- ★Quantity / Reel: 2500pcs
- ★High current & low DCR, Quadrate 6.5mm Max, Height 2.0mm Max.
- ★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 (μH)	Tolerance (%)	D.C.R(Ω) Max.	Rated Current(A)
PDRP6020-1R0M,N	100KHz/0.1V	1.0	±20,±30	22m	3.50
PDRP6020-1R5M,N	100KHz/0.1V	1.5	±20,±30	30m	2.94
PDRP6020-2R0M,N	100KHz/0.1V	2.0	±20,±30	40m	2.47
PDRP6020-3R3M,N	100KHz/0.1V	3.3	±20,±30	55m	1.99
PDRP6020-4R7M,N	100KHz/0.1V	4.7	±20,±30	70m	1.59
PDRP6020-6R2M,N	100KHz/0.1V	6.2	±20,±30	0.11	1.49
PDRP6020-8R2M,N	100KHz/0.1V	8.2	±20,±30	0.14	1.25
PDRP6020-100M	100KHz/0.1V	10	±20	0.16	1.22
PDRP6020-120M	100KHz/0.1V	12	±20	0.20	0.99
PDRP6020-150M	100KHz/0.1V	15	±20	0.23	0.94
PDRP6020-180M	100KHz/0.1V	18	±20	0.26	0.83
PDRP6020-220M	100KHz/0.1V	22	±20	0.31	0.80
PDRP6020-270M	100KHz/0.1V	27	±20	0.39	0.65
PDRP6020-330M	100KHz/0.1V	33	±20	0.51	0.63
PDRP6020-390M	100KHz/0.1V	39	±20	0.57	0.55
PDRP6020-470M	100KHz/0.1V	47	±20	0.73	0.50

- 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 ΔT=40℃ ,whichever is smaller(Ta=20℃).