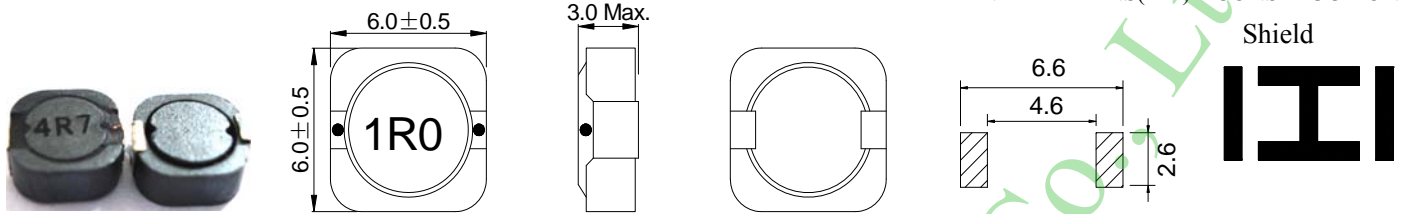


Inductance Range: 1.0μH~150μH
Temperature Range: -40℃~+125℃

PDRP6030-Series

DIMENSIONS(mm)



FEATURES:

- ★Quantity / Reel: 2000pcs
- ★High current & low DCR, Quadrate 6.5mm Max, Height 3.0mm 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)
PDRP6030-1R0N	100KHz/0.1V	1.0	±30	17m	3.59
PDRP6030-1R5N	100KHz/0.1V	1.5	±30	21m	2.93
PDRP6030-2R2M,N	100KHz/0.1V	2.2	±20,±30	24m	2.42
PDRP6030-3R6M,N	100KHz/0.1V	3.6	±20,±30	33m	1.89
PDRP6030-4R7M,N	100KHz/0.1V	4.7	±20,±30	42m	1.66
PDRP6030-6R2M,N	100KHz/0.1V	6.2	±20,±30	50m	1.45
PDRP6030-100M,N	100KHz/0.1V	10	±20,±30	65m	1.14
PDRP6030-120M,N	100KHz/0.1V	12	±20,±30	72m	1.04
PDRP6030-150M,N	100KHz/0.1V	15	±20,±30	96m	0.93
PDRP6030-180M,N	100KHz/0.1V	18	±20,±30	0.103	0.85
PDRP6030-220M,N	100KHz/0.1V	22	±20,±30	0.132	0.77
PDRP6030-270M,N	100KHz/0.1V	27	±20,±30	0.160	0.70
PDRP6030-330M,N	100KHz/0.1V	33	±20,±30	0.180	0.63
PDRP6030-390M,N	100KHz/0.1V	39	±20,±30	0.200	0.58
PDRP6030-470M,N	100KHz/0.1V	47	±20,±30	0.250	0.53
PDRP6030-560M,N	100KHz/0.1V	56	±20,±30	0.300	0.48
PDRP6030-680M,N	100KHz/0.1V	68	±20,±30	0.360	0.44
PDRP6030-820M,N	100KHz/0.1V	82	±20,±30	0.450	0.40
PDRP6030-101M,N	100KHz/0.1V	100	±20,±30	0.560	0.36
PDRP6030-151M,N	100KHz/0.1V	150	±20,±30	0.750	0.31

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