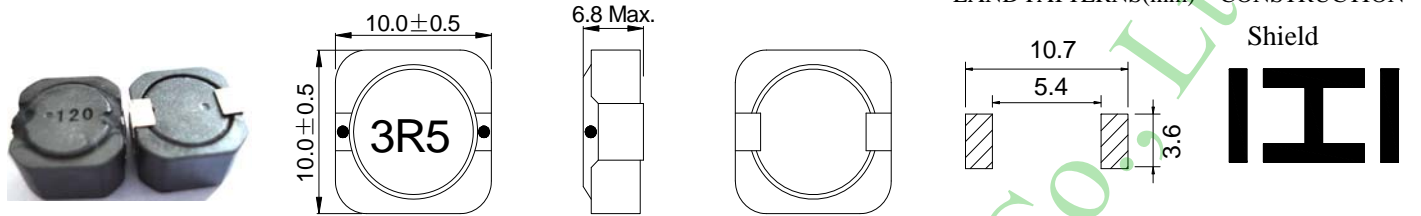


**Inductance Range:** 3.5μH~680μH  
**Temperature Range:** -40℃~+125℃

**PDRP106-Series**

### DIMENSIONS(mm)



### FEATURES:

- ★Quantity / Reel: 500pcs
- ★High current & low DCR, Quadrate 10.5mm Max, Height 6.8mm 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)
PDRP106-3R5M,N	100KHz/0.1V	3.5	±20,±30	22m	5.60
PDRP106-4R7M,N	100KHz/0.1V	4.7	±20,±30	24m	5.20
PDRP106-6R0M,N	100KHz/0.1V	6.0	±20,±30	26m	4.80
PDRP106-7R5M,N	100KHz/0.1V	7.5	±20,±30	30m	4.20
PDRP106-100M	100KHz/0.1V	10	±20	35m	4.00
PDRP106-120M	100KHz/0.1V	12	±20	40m	3.50
PDRP106-150M	100KHz/0.1V	15	±20	50m	3.20
PDRP106-180M	100KHz/0.1V	18	±20	60m	3.00
PDRP106-220M	100KHz/0.1V	22	±20	65m	2.60
PDRP106-270M	100KHz/0.1V	27	±20	75m	2.20
PDRP106-330M	100KHz/0.1V	33	±20	95m	2.00
PDRP106-390M	100KHz/0.1V	39	±20	0.110	1.90
PDRP106-470M	100KHz/0.1V	47	±20	0.135	1.80
PDRP106-560M	100KHz/0.1V	56	±20	0.145	1.70
PDRP106-680M	100KHz/0.1V	68	±20	0.155	1.60
PDRP106-820M	100KHz/0.1V	82	±20	0.185	1.50
PDRP106-101M	100KHz/0.1V	100	±20	0.220	1.40
PDRP106-121M	100KHz/0.1V	120	±20	0.255	1.30
PDRP106-151M	100KHz/0.1V	150	±20	0.280	1.10
PDRP106-181M	100KHz/0.1V	180	±20	0.350	1.00
PDRP106-221M	100KHz/0.1V	220	±20	0.460	0.85
PDRP106-271M	100KHz/0.1V	270	±20	0.600	0.70
PDRP106-331M	100KHz/0.1V	330	±20	0.700	0.60
PDRP106-391M	100KHz/0.1V	390	±20	0.860	0.55
PDRP106-471M	100KHz/0.1V	470	±20	1.100	0.53
PDRP106-561M	100KHz/0.1V	560	±20	1.250	0.50
PDRP106-681M	100KHz/0.1V	680	±20	1.500	0.47

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℃).