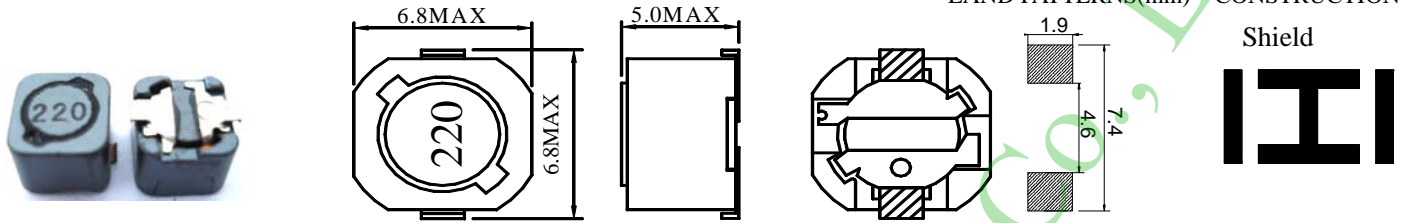


### PDRH64-Series

Inductance Range: 10μH~1000μH

Temperature Range: -40℃~+125℃

#### DIMENSIONS(mm)



#### FEATURES:

- ★Quantity / Reel: 1000pcs
- ★High current & low DCR, Quadrate 6.8mm Max, Height 5.0mm 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)
PDRH64-100M	1KHz/0.3V	10	±20	0.120	1.35
PDRH64-120M	1KHz/0.3V	12	±20	0.130	1.20
PDRH64-150M	1KHz/0.3V	15	±20	0.180	1.10
PDRH64-180M	1KHz/0.3V	18	±20	0.240	1.00
PDRH64-220M	1KHz/0.3V	22	±20	0.270	0.91
PDRH64-270M	1KHz/0.3V	27	±20	0.300	0.82
PDRH64-330M	1KHz/0.3V	33	±20	0.330	0.75
PDRH64-390M	1KHz/0.3V	39	±20	0.370	0.69
PDRH64-470M	1KHz/0.3V	47	±20	0.520	0.62
PDRH64-560M	1KHz/0.3V	56	±20	0.560	0.58
PDRH64-680M	1KHz/0.3V	68	±20	0.630	0.52
PDRH64-820M	1KHz/0.3V	82	±20	0.710	0.47
PDRH64-101M	1KHz/0.3V	100	±20	1.030	0.43
PDRH64-121M	1KHz/0.3V	120	±20	1.150	0.39
PDRH64-151M	1KHz/0.3V	150	±20	1.680	0.35
PDRH64-181M	1KHz/0.3V	180	±20	1.870	0.32
PDRH64-221M	1KHz/0.3V	220	±20	2.080	0.29
PDRH64-271M	1KHz/0.3V	270	±20	2.370	0.26
PDRH64-331M	1KHz/0.3V	330	±20	2.670	0.23
PDRH64-391M	1KHz/0.3V	390	±20	2.940	0.22
PDRH64-471M	1KHz/0.3V	470	±20	3.930	0.20
PDRH64-561M	1KHz/0.3V	560	±20	5.430	0.18
PDRH64-681M	1KHz/0.3V	680	±20	7.320	0.17
PDRH64-821M	1KHz/0.4V	820	±20	8.240	0.15
PDRH64-102M	1KHz/0.3V	1000	±20	9.260	0.14

- 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( $T_a=20^{\circ}\text{C}$ ).