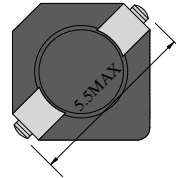
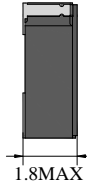
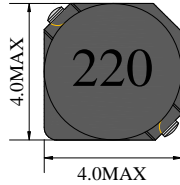


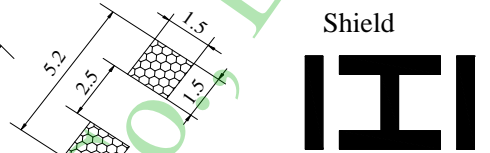
PDRH3D16B-Series

Inductance Range: 1.5μH~47μH
Temperature Range: -40℃~+125℃

DIMENSIONS(mm)



LAND PATTERNS(mm) CONSTRUCTION



FEATURES:

- ★Quantity / Reel: 3000PCS
- ★Small products, Quadrate 4.2mm Max, Height 1.8 mm Type.
- ★The use of carrier tape package for SMT reflow soldering process
- ★Widely use in DC-DC converter/LCD TV/Notebook/PDA/MP3 & MP4 player/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(mΩ) Max.	Rated Current(A)
PDRH3D16B-1R5M,N	100KHz/1.0V	1.5	±20,±30	52	1.55
PDRH3D16B-2R2M,N	100KHz/1.0V	2.2	±20,±30	72	1.20
PDRH3D16B-3R3M,N	100KHz/1.0V	3.3	±20,±30	85	1.10
PDRH3D16B-4R7M,N	100KHz/1.0V	4.7	±20,±30	105	0.90
PDRH3D16B-6R8M,N	100KHz/1.0V	6.8	±20,±30	170	0.73
PDRH3D16B-100M,N	100KHz/1.0V	10	±20,±30	210	0.55
PDRH3D16B-150M,N	100KHz/1.0V	15	±20,±30	295	0.45
PDRH3D16B-220M,N	100KHz/1.0V	22	±20,±30	430	0.40
PDRH3D16B-330M,N	100KHz/1.0V	33	±20,±30	660	0.32
PDRH3D16B-390M,N	100KHz/1.0V	39	±20,±30	700	0.24
PDRH3D16B-470M,N	100KHz/1.0V	47	±20,±30	775	0.21

- 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 35% from the initial value or the temperature rise is $\Delta T=40^{\circ}\text{C}$,whichever is smaller($T_a=20^{\circ}\text{C}$).