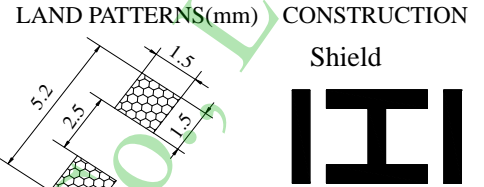
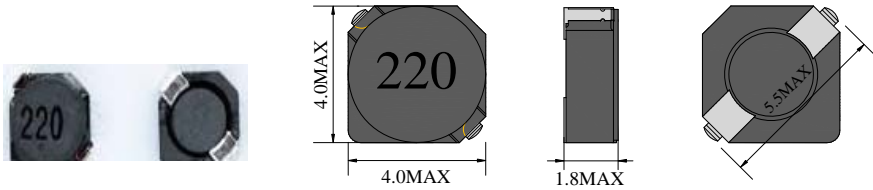


PDRH3D16C-Serie

Inductance Range: 3.3μH~47μH
Temperature Range: -40℃~+125℃

DIMENSIONS(mm)



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) |
|------------------|----------------|-----------------|---------------|----------------|------------------|
| PDRH3D16C-3R3M,N | 100KHz/1.0V | 3.3 | ±20,±30 | 66 | 0.80 |
| PDRH3D16C-3R9M,N | 100KHz/1.0V | 3.9 | ±20,±30 | 81 | 0.75 |
| PDRH3D16C-4R7M,N | 100KHz/1.0V | 4.7 | ±20,±30 | 91 | 0.68 |
| PDRH3D16C-5R6M,N | 100KHz/1.0V | 5.6 | ±20,±30 | 102 | 0.62 |
| PDRH3D16C-6R8M,N | 100KHz/1.0V | 6.8 | ±20,±30 | 130 | 0.58 |
| PDRH3D16C-8R2M,N | 100KHz/1.0V | 8.2 | ±20,±30 | 140 | 0.51 |
| PDRH3D16C-100M,N | 100KHz/1.0V | 10 | ±20,±30 | 190 | 0.46 |
| PDRH3D16C-120M,N | 100KHz/1.0V | 12 | ±20,±30 | 205 | 0.42 |
| PDRH3D16C-150M,N | 100KHz/1.0V | 15 | ±20,±30 | 272 | 0.38 |
| PDRH3D16C-180M,N | 100KHz/1.0V | 18 | ±20,±30 | 327 | 0.34 |
| PDRH3D16C-220M,N | 100KHz/1.0V | 22 | ±20,±30 | 356 | 0.31 |
| PDRH3D16C-270M,N | 100KHz/1.0V | 27 | ±20,±30 | 470 | 0.28 |
| PDRH3D16C-330M,N | 100KHz/1.0V | 33 | ±20,±30 | 560 | 0.26 |
| PDRH3D16C-390M,N | 100KHz/1.0V | 39 | ±20,±30 | 700 | 0.24 |
| PDRH3D16C-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 ΔT=40℃ ,whichever is smaller(Ta=20℃).