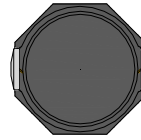
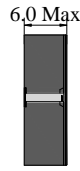
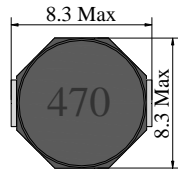


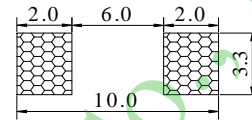
Inductance Range: 2.8μH~100μH
Temperature Range: -40℃~+125℃

PDRH8D58-Series

DIMENSIONS(mm)



LAND PATTERNS(mm)



CONSTRUCTION

Shield



FEATURES:

- ★Quantity / Reel: 800PCS
- ★Small products, Quadrate 8.3mm Max, Height 6.0 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(Ω) Max. | Rated Current(A) |
|-----------------|----------------|-----------------|---------------|---------------|------------------|
| PDRH8D58-2R8N | 100KHZ/1.0V | 2.8 | ±30 | 0.016 | 4.70 |
| PDRH8D58-3R9N | 100KHZ/1.0V | 3.9 | ±30 | 0.017 | 4.10 |
| PDRH8D58-4R7N | 100KHZ/1.0V | 4.7 | ±30 | 0.018 | 3.80 |
| PDRH8D58-6R2,N | 100KHZ/1.0V | 6.2 | ,±30 | 0.021 | 3.30 |
| PDRH8D58-100M,N | 100KHZ/1.0V | 10 | ±20,±30 | 0.027 | 2.60 |
| PDRH8D58-150M,N | 100KHZ/1.0V | 15 | ±20,±30 | 0.038 | 2.30 |
| PDRH8D58-220M,N | 100KHZ/1.0V | 22 | ±20,±30 | 0.047 | 1.70 |
| PDRH8D58-330M,N | 100KHZ/1.0V | 33 | ±20,±30 | 0.068 | 1.50 |
| PDRH8D58-470M,N | 100KHZ/1.0V | 47 | ±20,±30 | 0.094 | 1.20 |
| PDRH8D58-680M,N | 100KHZ/1.0V | 68 | ±20,±30 | 0.135 | 1.00 |
| PDRH8D58-101M,N | 100KHZ/1.0V | 100 | ±20,±30 | 0.182 | 0.80 |

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