

Inductance Range: 2.5μH~100μH
 Temperature Range: -40℃~+125℃

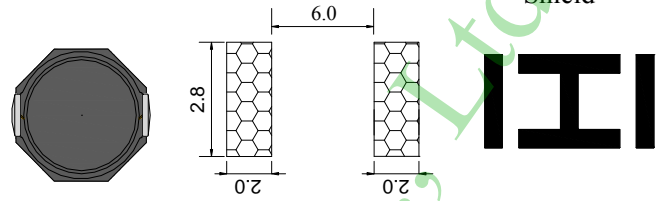
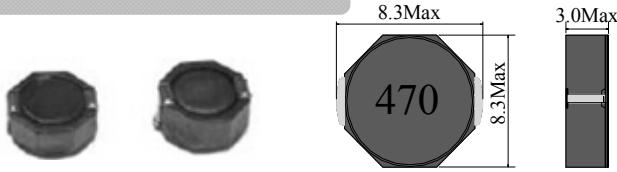
PDRH8D28-Series

LAND PATTERNS(mm)

CONSTRUCTION

Shield

DIMENSIONS(mm)



FEATURES:

- ★Quantity / Reel: 1000PCS
- ★Small products, Quadrate 8.5mm Max, Height 3.0 mm Max 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 | Marking | Test Condition | Inductance (μH) | Tolerance (%) | D.C.R(Ω) Max. | Rated Current(A) |
|----------------|---------|----------------|-----------------|---------------|---------------|------------------|
| PDRH-8D28-2R5□ | 2R5 | 100kHz/0.25V | 2.5 | ±30 | 15.6m | 6.4 |
| PDRH-8D28-3R3□ | 3R3 | 100kHz/0.25V | 3.3 | ±20,±30 | 18.2m | 6 |
| PDRH-8D28-3R6□ | 3R6 | 100kHz/0.25V | 3.6 | ±20,±30 | 24.0m | 4.6 |
| PDRH-8D28-4R7□ | 4R7 | 100kHz/0.25V | 4.7 | ±20,±30 | 24.7m | 4.5 |
| PDRH-8D28-7R3□ | 7R3 | 100kHz/0.25V | 7.3 | ±30 | 39.0m | 3.4 |
| PDRH-8D28-100□ | 100 | 100kHz/0.25V | 10 | ±20,±30 | 47.0m | 3.2 |
| PDRH-8D28-150□ | 150 | 100kHz/0.25V | 15 | ±20,±30 | 69.0m | 2.35 |
| PDRH-8D28-220□ | 220 | 100kHz/0.25V | 22 | ±20,±30 | 99.0m | 1.85 |
| PDRH-8D28-330□ | 330 | 100kHz/0.25V | 33 | ±20,±30 | 0.156 | 1.45 |
| PDRH-8D28-470□ | 470 | 100kHz/0.25V | 47 | ±20,±30 | 0.195 | 1.3 |
| PDRH-8D28-680□ | 680 | 100kHz/0.25V | 68 | ±20,±30 | 0.286 | 0.98 |
| PDRH-8D28-101□ | 101 | 100kHz/0.25V | 100 | ±20,±30 | 0.43 | 0.8 |

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