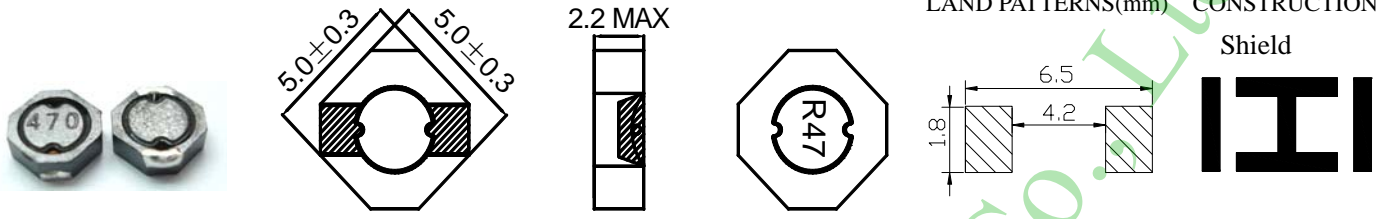


Inductance Range: 0.47μH~470μH  
 Temperature Range: -40℃~+125℃

### PDRA5020-Series


#### DIMENSIONS(mm)



#### FEATURES:

- ★Quantity / Reel: 2500pcs
- ★Small products, Octagonal 5.0mm, Height 1.9mm 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) |
|---------------|----------------|-----------------|---------------|----------------|------------------|
| PDRA5020-R47N | 100KHz/0.3V    | 0.47            | ±30           | 12             | 4.00             |
| PDRA5020-1R2M | 100KHz/0.3V    | 1.2             | ±20           | 44             | 2.15             |
| PDRA5020-2R0M | 100KHz/0.3V    | 2.0             | ±20           | 46             | 1.90             |
| PDRA5020-2R2M | 100KHz/0.3V    | 2.2             | ±20           | 59             | 1.63             |
| PDRA5020-3R3M | 100KHz/0.3V    | 3.3             | ±20           | 62             | 1.50             |
| PDRA5020-3R5M | 100KHz/0.3V    | 3.5             | ±20           | 73             | 1.34             |
| PDRA5020-4R7M | 100KHz/0.3V    | 4.7             | ±20           | 87             | 1.14             |
| PDRA5020-6R8M | 100KHz/0.3V    | 6.8             | ±20           | 105            | 0.95             |
| PDRA5020-8R2M | 100KHz/0.3V    | 8.2             | ±20           | 139            | 0.90             |
| PDRA5020-100M | 1KHz/0.3V      | 10              | ±20           | 150            | 0.76             |
| PDRA5020-150M | 1KHz/0.3V      | 15              | ±20           | 210            | 0.63             |
| PDRA5020-220M | 1KHz/0.3V      | 22              | ±20           | 275            | 0.56             |
| PDRA5020-330M | 1KHz/0.3V      | 33              | ±20           | 455            | 0.44             |
| PDRA5020-470M | 1KHz/0.3V      | 47              | ±20           | 730            | 0.35             |
| PDRA5020-680M | 1KHz/0.3V      | 68              | ±20           | 935            | 0.30             |
| PDRA5020-101M | 1KHz/0.3V      | 100             | ±20           | 1500           | 0.23             |
| PDRA5020-121M | 1KHz/0.3V      | 120             | ±20           | 1910           | 0.22             |
| PDRA5020-151M | 1KHz/0.3V      | 150             | ±20           | 2680           | 0.21             |
| PDRA5020-181M | 1KHz/0.3V      | 180             | ±20           | 3040           | 0.20             |
| PDRA5020-221M | 1KHz/0.3V      | 220             | ±20           | 3520           | 0.20             |
| PDRA5020-271M | 1KHz/0.3V      | 270             | ±20           | 4380           | 0.19             |
| PDRA5020-331M | 1KHz/0.3V      | 330             | ±20           | 5560           | 0.19             |
| PDRA5020-471M | 1KHz/0.3V      | 470             | ±20           | 7820           | 0.18             |

- 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 ΔT=40℃ ,whichever is smaller(Ta=20℃).