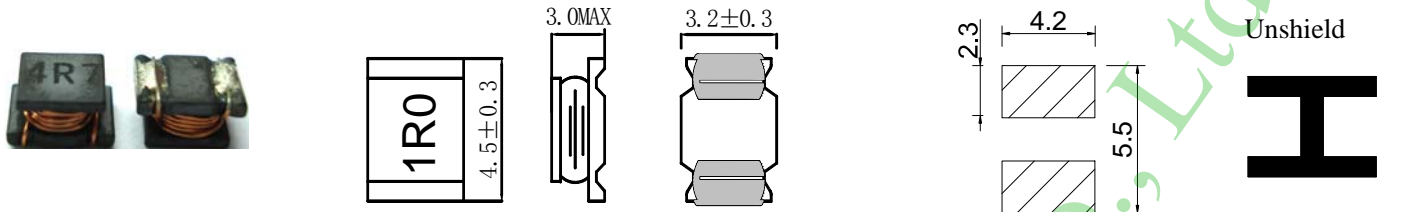


**Inductance Range: 1.0μH~1000μH**  
**Temperature Range: -40℃~+125℃**

**PDS3226-Series**

### DIMENSIONS(mm)



### FEATURES:

- ★Quantity / Reel: 2500pcs
- ★Small products, Quadrate 4.8mm\*3.5mm, Height 3.0mm Max.
- ★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 (%) | Q(Ref) Test@ KHz Freq | D.C.R(Ω) Max. | Rated Current(mA) |
|----------------|----------------|-----------------|---------------|-----------------------|---------------|-------------------|
| PDS3226-1R0M   | 1MHz/0.3V      | 1.0             | ±20           | 20 @1000              | 0.200         | 500               |
| PDS3226-1R5M   | 1MHz/0.3V      | 1.5             | ±20           | 20 @1000              | 0.300         | 500               |
| PDS3226-1R8M   | 1MHz/0.3V      | 1.8             | ±20           | 20 @1000              | 0.300         | 500               |
| PDS3226-2R2M   | 1MHz/0.3V      | 2.2             | ±20           | 20 @1000              | 0.300         | 500               |
| PDS3226-2R7M   | 1MHz/0.3V      | 2.7             | ±20           | 20 @1000              | 0.320         | 500               |
| PDS3226-3R3M   | 1MHz/0.3V      | 3.3             | ±20           | 20 @1000              | 0.350         | 500               |
| PDS3226-3R9M   | 1MHz/0.3V      | 3.9             | ±20           | 20 @1000              | 0.380         | 500               |
| PDS3226-4R7K,M | 1MHz/0.3V      | 4.7             | ±10,±20       | 30 @1000              | 0.400         | 500               |
| PDS3226-5R6K,M | 1MHz/0.3V      | 5.6             | ±10,±20       | 30 @1000              | 0.470         | 500               |
| PDS3226-6R8K,M | 1MHz/0.3V      | 6.8             | ±10,±20       | 30 @1000              | 0.500         | 450               |
| PDS3226-8R2K,M | 1MHz/0.3V      | 8.2             | ±10,±20       | 30 @1000              | 0.560         | 450               |
| PDS3226-100K,M | 1MHz/0.3V      | 10              | ±10,±20       | 35 @1000              | 0.560         | 400               |
| PDS3226-150K,M | 1MHz/0.3V      | 15              | ±10,±20       | 35 @1000              | 0.730         | 360               |
| PDS3226-180K,M | 1MHz/0.3V      | 18              | ±10,±20       | 35 @1000              | 0.820         | 340               |
| PDS3226-220K,M | 1MHz/0.3V      | 22              | ±10,±20       | 35 @1000              | 0.940         | 320               |
| PDS3226-270J,K | 1MHz/0.3V      | 27              | ±5,±10        | 35 @1000              | 1.100         | 300               |
| PDS3226-330J,K | 1MHz/0.3V      | 33              | ±5,±10        | 35 @1000              | 1.200         | 270               |
| PDS3226-390J,K | 1MHz/0.3V      | 39              | ±5,±10        | 35 @1000              | 1.400         | 240               |
| PDS3226-470J,K | 1MHz/0.3V      | 47              | ±5,±10        | 35 @1000              | 1.500         | 220               |
| PDS3226-560J,K | 1MHz/0.3V      | 56              | ±5,±10        | 35 @1000              | 1.700         | 200               |
| PDS3226-680J,K | 1MHz/0.3V      | 68              | ±5,±10        | 35 @1000              | 1.900         | 180               |
| PDS3226-820J,K | 1MHz/0.3V      | 82              | ±5,±10        | 35 @1000              | 2.200         | 170               |
| PDS3226-101J,K | 1MHz/0.3V      | 100             | ±5,±10        | 40 @769               | 2.500         | 160               |
| PDS3226-151J,K | 1MHz/0.3V      | 150             | ±5,±10        | 40 @769               | 3.700         | 130               |
| PDS3226-221J,K | 1MHz/0.3V      | 220             | ±5,±10        | 40 @769               | 5.400         | 110               |
| PDS3226-331J,K | 1MHz/0.3V      | 330             | ±5,±10        | 40 @769               | 8.200         | 95                |
| PDS3226-391J,K | 1MHz/0.3V      | 390             | ±5,±10        | 40 @769               | 9.700         | 90                |
| PDS3226-471J,K | 1KHz/0.3V      | 470             | ±5,±10        | 40 @769               | 11.800        | 80                |
| PDS3226-681J,K | 1KHz/0.3V      | 680             | ±5,±10        | 40 @769               | 17.000        | 65                |
| PDS3226-821J,K | 1KHz/0.3V      | 820             | ±5,±10        | 40 @769               | 20.500        | 60                |
| PDS3226-102J,K | 1KHz/0.3V      | 1000            | ±5,±10        | 40 @252               | 25.000        | 50                |

- 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  $\Delta T=40^{\circ}\text{C}$  ,whichever is smaller( $T_a=20^{\circ}\text{C}$ ).