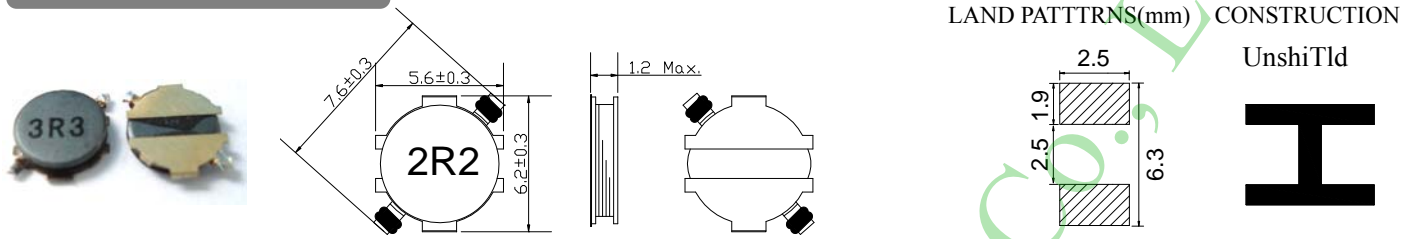


### PDH5412-Series

**Inductance Range:** 2.2μH~47μH  
**Temperature Range:** -40℃~+125℃

#### DIMENSIONS(mm)



#### FEATURES:

- ★Quantity / Reel: 4000pcs
- ★Small products, Quadrate 5.9mm\*6.5mm Max, Height 1.2mm 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 (%)	D.C.R(mΩ) Max.	Isat1(A) @L-Drop10% (Max.)	Isat2(A) @L-Drop35% (Max.)	I rms(A) @ΔT=40℃ (Max.)
PDH5412-2R2M	100KHz/0.1V	2.2	±20	86	1.40	2.50	1.95
PDH5412-3R3M	100KHz/0.1V	3.3	±20	103	1.18	1.92	1.85
PDH5412-4R7M	100KHz/0.1V	4.7	±20	143	0.90	1.68	1.60
PDH5412-6R8M	100KHz/0.1V	6.8	±20	199	0.73	1.36	1.35
PDH5412-100M	100KHz/0.1V	10	±20	276	0.62	1.08	1.12
PDH5412-150M	100KHz/0.1V	15	±20	408	0.50	0.92	0.90
PDH5412-220M	100KHz/0.1V	22	±20	551	0.41	0.76	0.80
PDH5412-330M	100KHz/0.1V	33	±20	768	0.39	0.60	0.68
PDH5412-470M	100KHz/0.1V	47	±20	1709	0.32	0.50	0.55

- 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、 The Isat1 is the current at which the inductance decreases by 10% from the initial value
- 4、 The Isat2 is the current at which the inductance decreases by 35% from the initial value
- 5、 The Irms by Stand-Type is the current at which the temperature rise is ΔT≤40℃, whichever ( Ta=20℃ )