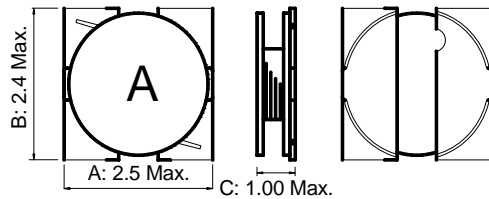
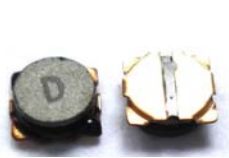


PDH2510-Series

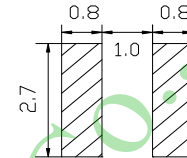
Inductance Range: 1.0μH~47μH

Temperature Range: -40℃~+125℃

DIMENSIONS(mm)



LAND PATTERNS(mm) CONSTRUCTION



Unshield



FEATURES:

- ★Quantity / Reel: 4000pcs
- ★Small products, Quadrate 2.4mm*2.5mm Max, Height 0.95mm 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.	Isat1(A) @L-Drop10% (Max.)	Isat2(A) @L-Drop35% (Max.)	I rms(A) @ΔT=40℃ (Max.)
PDH2510-1R0M	100KHz/0.1V	1.0	±20	0.171	1.80	1.85	1.20
PDH2510-1R2M	100KHz/0.1V	1.2	±20	0.210	1.50	1.60	1.08
PDH2510-1R5M	100KHz/0.1V	1.5	±20	0.220	1.45	1.54	1.06
PDH2510-1R8M	100KHz/0.1V	1.8	±20	0.246	1.38	1.40	1.00
PDH2510-2R2M	100KHz/0.1V	2.2	±20	0.272	1.20	1.29	0.95
PDH2510-2R5M	100KHz/0.1V	2.5	±20	0.320	1.10	1.20	0.90
PDH2510-3R3M	100KHz/0.1V	3.3	±20	0.360	0.98	1.07	0.82
PDH2510-4R7M	100KHz/0.1V	4.7	±20	0.430	0.80	0.93	0.75
PDH2510-5R3M	100KHz/0.1V	5.3	±20	0.615	0.75	0.86	0.63
PDH2510-6R8M	100KHz/0.1V	6.8	±20	0.699	0.73	0.78	0.59
PDH2510-8R2M	100KHz/0.1V	8.2	±20	0.868	0.65	0.71	0.53
PDH2510-100M	100KHz/0.1V	10	±20	1.165	0.61	0.63	0.45
PDH2510-220M	100KHz/0.1V	22	±20	2.135	0.42	0.45	0.33
PDH2510-330M	100KHz/0.1V	33	±20	3.500	0.32	0.37	0.26
PDH2510-470M	100KHz/0.1V	47	±20	4.546	0.28	0.31	0.24

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