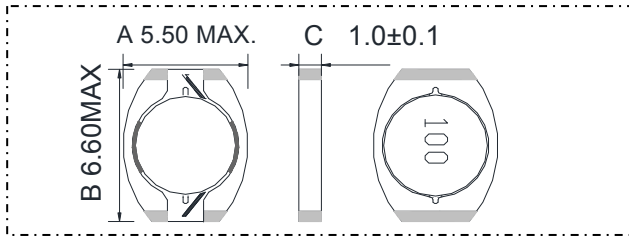


EDC5510

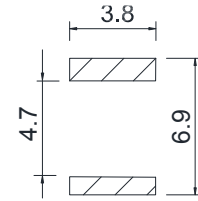
Inductance Range: 4.7 μ H~100 μ H

Temperature Range: -40 $^{\circ}$ C~+105 $^{\circ}$ C

DIMENSIONS(mm)



LAND PATTERNS(mm)



CONSTRUCTION


Unshield



FEATURES:

- ★Quantity / Reel: 1000pcs
- ★Small products, Elliptic 5.50mm*6.60mm, Height 1.0mm Typ.
- ★The use of carrier tape package for SMT reflow soldering process
- ★Widely use in DC-DC converter/LCD TV/Notebook/PDA /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 (μ H)	Tolerance (%)	D.C.R(Ω) Max.	Rated Current
					Isat(A)
EDC5510-4R7M	100KHz/0.1V	4.7	\pm 20	0.280	1.1
EDC5510-100M	100KHz/0.1V	100	\pm 20	0.425	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、 The Isat is the current at which the inductance decreases by 20% from the initial value
- 4、 The I_{rms} by Stand-Type is the current at which the temperature rise is $\Delta T \leq 40^{\circ}C$, whichever ($T_a = 20^{\circ}C$)