

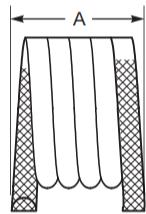
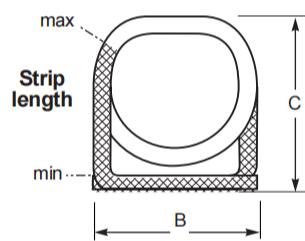
Features:

- ◆ RoHS Compliant
- ◆ High Performance, Low Cost
- ◆ Miniature Scale, Maximum Q
- ◆ Suitable for High frequency applications
- ◆ Easy Bonding and low sensitivity against humidity

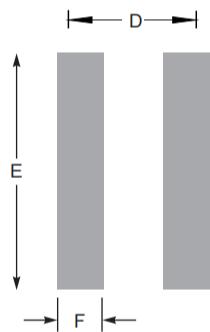
Applications:

- ◆ Power amplifier, antenna module, voltage controlled oscillator, and the mobile phone,
- ◆ Such as GSM, CDMA and PDC.
- ◆ Digital TV tuner, wireless LAN and Bluetooth equipment etc.

Dimension Diagram:



Recommended Land Pattern:



A=11.68±0.38 B=5.59±0.25 C=5.69±0.25 D=10.67±0.20 E=6.73 Ref F=2.16Ref

Electrical Requirements:

Inductance : 270.0nH±5%@50MHz

IDC : 4.3A Max

DCR : 12.5mΩ Max

SRF : 0.80GHz TYP

Q : 140.0 Min@50MHz

Operating temperature range: -40°C to +125°C with Irms current
+125°C to +145°C with derated current

Storage temperature range: Component -40°C to +145°C

Packaging: -40°C to +80°C

Packing: 750PCS/Reel