

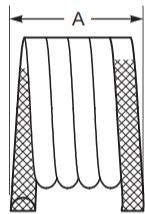
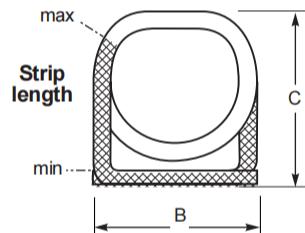
## Features:

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

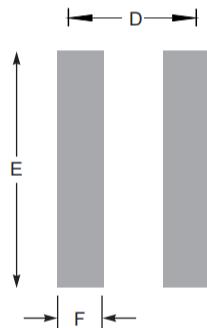
## Applications:

- ◆ 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=11.94±0.38   B=5.72±0.25   C=5.69±0.25   D=11.18±0.20   E=6.73 Ref   F=2.16Ref

## Electrical Requirements:

Inductance : 300.0nH±5%@50MHz

IDC : 3.70A Max  
 DCR : 13.8mΩ Max  
 SRF : 0.72GHz TYP  
 Q : 150.0 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