

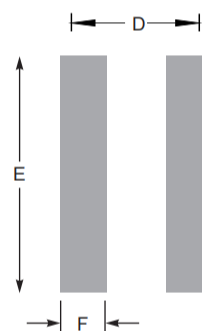
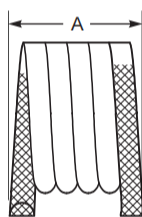
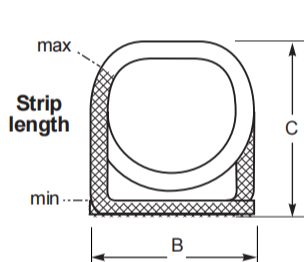
## Features:

- ◆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:



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 I<sub>rms</sub> 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**