

1. Features

- Typical 1dB bandwidth of 18.6 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

RoHS Compliant

Tested by SGS Testing Korea

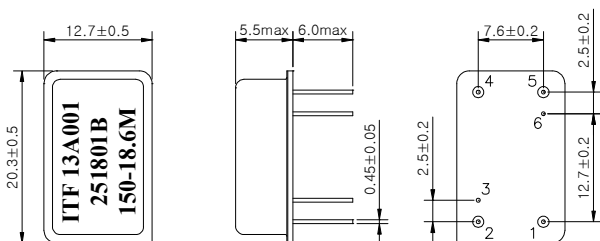
2. Electrical Specifications

Source and Load Impedance = 50Ω

| Operating Temperature : +25°C | | Minimum | Typical | Maximum |
|--------------------------------------|--------|---------|---------|---------|
| Center Frequency (fo) | MHz | - | 150.0 | - |
| Insertion Loss | dB | - | 24.0 | 25.5 |
| 1dB Bandwidth | MHz | 18.5 | 18.64 | - |
| 3dB Bandwidth | MHz | - | 18.92 | - |
| 40dB Bandwidth | MHz | - | 20.08 | 20.20 |
| Amplitude Ripple (Fo±9.0075MHz) | dB | - | 0.60 | 1.0 |
| Group Delay Variation (Fo±9.0075MHz) | nsec | - | 50 | 100 |
| Absolute Delay | usec | - | 2.29 | - |
| Ultimate Rejection | dB | 50 | 55 | - |
| Temperature Coefficient of Frequency | ppm/°C | - | -84 | - |

* Input POWER : 10dBm

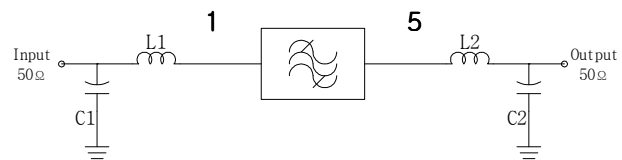
D2012 Package Dimension



Dimensions shown are nominal in millimeters

Base : Fe(SPCC), Au plating over Ni plated
Cap : Cu & Cr Alloy, Ni Plated
Termination : Kovar, Au Plated

Matching Schematic



L1 = 47nH, L2 = 39nH, C1 = 18pF, C2 = 30pF

Pin Configuration

| Pin Configuration | | | |
|-------------------|---|--------|--------|
| Input | 1 | Ground | 2,4 |
| Output | 5 | Others | Ground |

3. Typical Performance (at +25°C)

