

1. Features

- Typical 1dB bandwidth of 9.3 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

RoHS Compliant

Tested by SGS Testing Korea

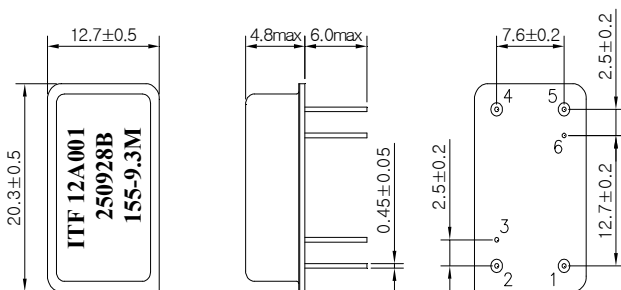
2. Electrical Specifications

Source and Load Impedance = 50Ω

| Room Temperature : +25°C | | Minimum | Typical | Maximum |
|--|--------|---------|---------|---------|
| Center Frequency (fo) | MHz | - | 155.0 | - |
| Insertion Loss | dB | - | 28.2 | 30.0 |
| 1dB Bandwidth | MHz | 9.2 | 9.38 | - |
| 3dB Bandwidth | MHz | - | 9.58 | - |
| 20dB Bandwidth | MHz | - | 10.20 | - |
| 40dB Bandwidth | MHz | - | 10.55 | 10.7 |
| Amplitude Ripple (fo ± 4.51 MHz) | dB | - | 0.65 | 1.2 |
| Group Delay Variation (fo ± 4.51 MHz) | nsec | - | 94 | 200 |
| Absolute Delay | usec | - | 2.24 | - |
| Ultimate Rejection | dB | 40 | 48 | - |
| Temperature Coefficient of Frequency | ppm/°C | - | -18 | - |
| Relative Attenuation @edge ± 0.555MHz | dBc | - | 15 | - |

@Edge : 9.02MHz

D2012 Package Dimension

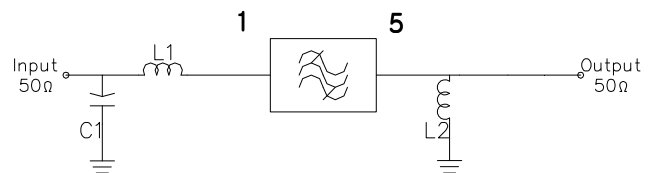


Dimensions shown are nominal in millimeters

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

Termination : Kovar, Au Plated

Matching Network Configuration



L1 = 12nH, L2 = 47nH

C1 = 36pF

Pin Configuration

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

3. Typical Performance (at +25°C)

