

1. Features

- Typical 1dB bandwidth of 4.0 MHz
- Single Ended Operation
- Dip Package

RoHS Compliant

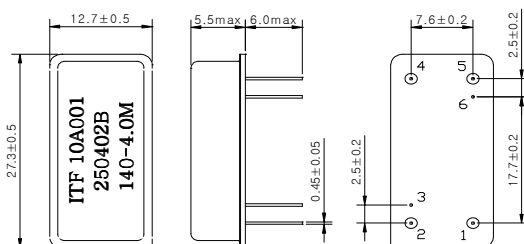
Tested by SGS Testing Korea

2. Electrical Specifications

Source and Load Impedance = 50Ω

| Room Temperature : +25°C | | Minimum | Typical | Maximum |
|---------------------------------------|---------------------|---------|---------|---------|
| Center Frequency (fo) | MHz | - | 140.0 | - |
| Insertion Loss | dB | - | 22.5 | 25.0 |
| 1dB Bandwidth | MHz | 4.0 | 4.07 | - |
| 3dB Bandwidth | MHz | 4.2 | 4.3 | - |
| 40dB Bandwidth | MHz | - | 5.22 | 5.3 |
| Amplitude Ripple (fo ± 1.92 MHz) | dB | - | 0.4 | 1.0 |
| Group Delay Variation (fo ± 1.92 MHz) | nsec | - | 130 | 250 |
| Absolute Delay | usec | - | 2.69 | - |
| Ultimate Rejection | dB | 45 | 50 | - |
| Relative Attenuation | | | | |
| fo +/- 2.6 MHz | dB | 30 | 35 | - |
| fo +/- 3.5 MHz | dB | 48 | 55 | - |
| Temperature Coefficient of Frequency | ppm/°C ² | - | -0.03 | - |

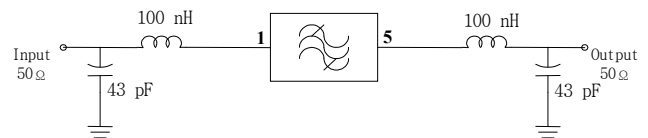
D2712 Package Dimension



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



Pin Configuration

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

3. Typical Performance (at +25°C)

