

1. Features

- Typical 2dB bandwidth of 1.7 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

RoHS Compliant

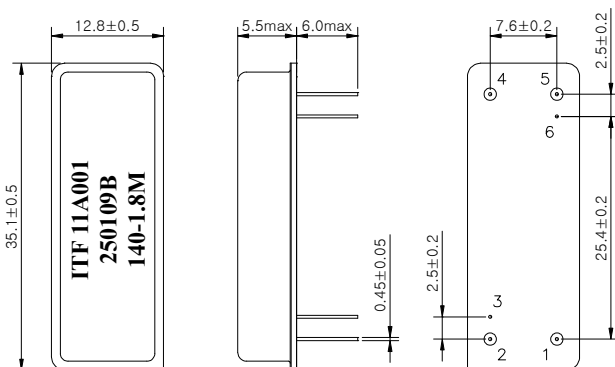
Tested by SGS Testing Korea

2. Electrical Specifications

Source and Load Impedance = 50Ω

| Room Temperature : +25°C | | Minimum | Typical | Maximum |
|---------------------------------------|---------------------|---------|---------|---------|
| Center Frequency (fo) | MHz | - | 140.0 | - |
| Insertion Loss | dB | - | 20.0 | 23.0 |
| 2dB Bandwidth | MHz | - | 1.73 | 1.8 |
| 25dB Bandwidth | MHz | - | 2.53 | 2.6 |
| 40dB Bandwidth | MHz | - | 2.73 | - |
| Amplitude Ripple (fo ± 0.65 MHz) | dB | - | 0.3 | 0.9 |
| Group Delay Variation (fo ± 0.65 MHz) | nsec | - | 150 | 250 |
| Absolute Delay | usec | - | 3.17 | - |
| Ultimate Rejection | dB | 50 | 55 | - |
| Temperature Coefficient of Frequency | ppm/°C ² | - | -0.03 | - |

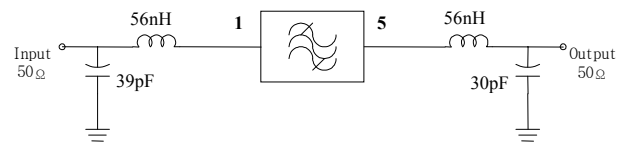
D3512 Package Dimension



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

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

3. Typical Performance (at +25°C)

