

### 1. Features

- Typical 1dB bandwidth of 10.1 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

**RoHS Compliant**

Tested by SGS Testing Korea

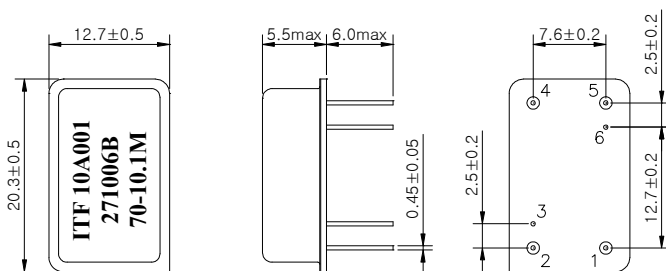
### 2. Electrical Specifications

Source and Load Impedance = 50Ω

Operating Temperature : +25°C

|                                       |        | Minimum | Typical | Maximum |
|---------------------------------------|--------|---------|---------|---------|
| Center Frequency (fo)                 | MHz    | -       | 70.0    | -       |
| Insertion Loss                        | dB     | -       | 21.7    | 23.5    |
| 1dB Bandwidth                         | MHz    | 10.0    | 10.1    | -       |
| 3dB Bandwidth                         | MHz    | -       | 10.4    | -       |
| 40dB Bandwidth                        | MHz    | -       | 11.75   | 11.8    |
| Amplitude Ripple (fo ± 4.85 MHz)      | dB     | -       | 0.4     | 1.0     |
| Group Delay Variation (fo ± 4.85 MHz) | nsec   | -       | 55      | 100     |
| Absolute Delay                        | usec   | -       | 2.26    | -       |
| Ultimate Rejection                    | dB     | 50      | 58      | -       |
| Temperature Coefficient of Frequency  | ppm/°C | -       | -72     | -       |

#### D2012 Package Dimension



#### Matching Schematic



#### Pin Configuration

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

Dimensions shown are nominal in millimeters

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

### 3. Typical Performance ( at +25°C )

