

### 1. Features

- Typical 1dB bandwidth of 9.7 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

**RoHS Compliant**

Tested by SGS Testing Korea

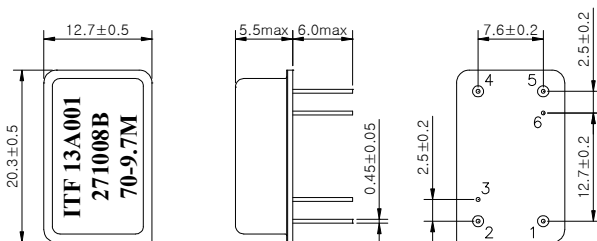
### 2. Electrical Specifications

Source and Load Impedance = 50Ω

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	70.0	-
Insertion Loss	dB	-	21.5	23.5
1dB Bandwidth	MHz	9.6	9.72	-
3dB Bandwidth	MHz	-	10.1	-
20dB Bandwidth	MHz	-	10.98	11.15
40dB Bandwidth	MHz	-	11.38	-
Amplitude Ripple (fo ± 4.6 MHz)	dB	-	0.4	1.0
Group Delay Variation (fo ± 4.6 MHz)	nsec	-	70	150
Absolute Delay	usec	-	2.27	-
Ultimate Rejection	dB	50	55	-
Temperature Coefficient of Frequency	ppm/°C	-	-72	-

Input POWER : +10dBm

#### D2012 Package Dimension



#### Matching Schematic



**Un Matching Required**

Dimensions shown are nominal in millimeters

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

#### Pin Configuration

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

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

