

### 1. Features

- Typical 1dB bandwidth of 20.0 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

**RoHS Compliant**

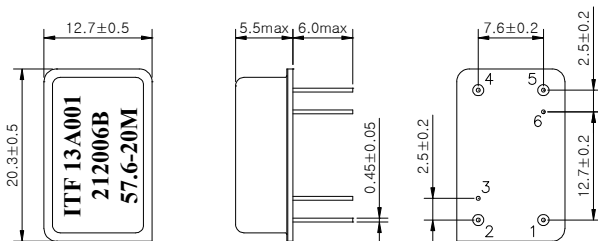
Tested by SGS Testing Korea

### 2. Electrical Specifications

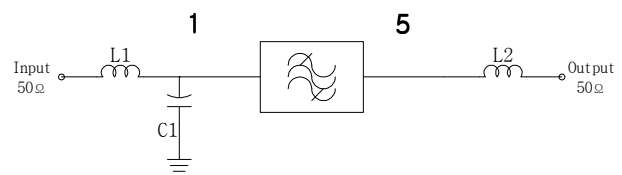
Source and Load Impedance = 50Ω

Operating Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	57.6	-
Insertion Loss	dB	-	23.7	25.5
1dB Bandwidth	MHz	19.7	20.0	-
3dB Bandwidth	MHz	-	20.6	-
40dB Bandwidth	MHz	-	23.45	23.6
Amplitude Ripple (fo ± 9.51 MHz)	dB	-	0.5	1.0
Group Delay Variation (fo ± 9.51 MHz)	nsec	-	35	80
Absolute Delay	usec	-	1.38	1.4
Ultimate Rejection	dB	48	52	-
Temperature Coefficient of Frequency	ppm/°C	-72		

#### D2012 Package Dimension



#### Matching Schematic



$$L1 = 270\text{nH}, L2 = 270\text{nH}, C1 = 9\text{pF}$$

#### Pin Configuration

	1	Ground	2,4
Input	1	Ground	2,4
Output	5	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 )

