

## 1. Features

- Typical 1dB bandwidth of 9.3 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

**RoHS Compliant**

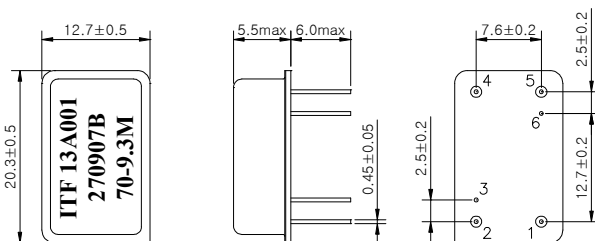
Tested by SGS Testing Korea

## 2. Electrical Specifications

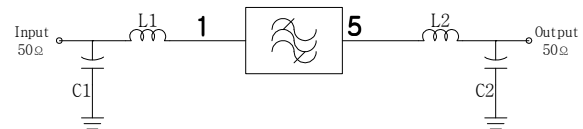
Source and Load Impedance = 50Ω

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	70.0	-
Insertion Loss	dB	-	29.0	31.0
1dB Bandwidth	MHz	9.2	9.31	-
3dB Bandwidth	MHz	-	9.48	-
35dB Bandwidth	MHz	-	10.3	10.4
Relative Attenuation	Fo ± 5.2 MHz	30	40	
	Fo ± 6.0 MHz	42	48	
	Fo ± 10.0 MHz	45	50	
	Fo ± 15.0 MHz	45	50	
Amplitude Ripple (fo ± 4.5 MHz)	dB	-	0.65	1.2
Group Delay Variation (fo ± 4.5 MHz)	nsec	-	70	200
Absolute Delay	usec	-	2.45	-
Temperature Coefficient of Frequency	ppm/°C	-	-18	-

### D2012 Package Dimension



### Matching Schematic



**L1 = 100nH, L2 = 180nH, C1 = 82pF, C2 = 43pF**

### 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 )

