

## 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

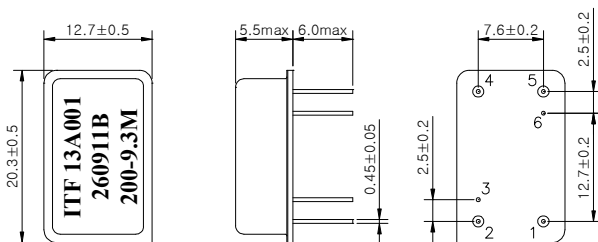
## 2. Electrical Specifications

Source and Load Impedance = 50Ω

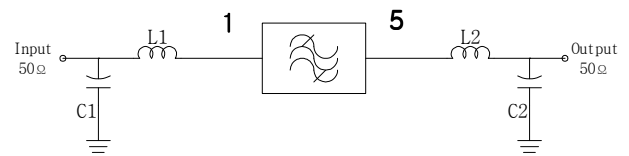
Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	200.0	-
Insertion Loss	dB	-	27.70	29.0
1dB Bandwidth	MHz	9.22	9.36	-
3dB Bandwidth	MHz	-	9.60	-
45dB Bandwidth	MHz	-	10.75	10.80
Amplitude Ripple (Fo±4.5075MHz)	dB	-	0.85	1.3
Group Delay Variation (Fo±4.5075MHz)	nsec	-	80	150
Absolute Delay	usec	-	2.25	2.30
Ultimate Rejection	dB	47	52	-
Temperature Coefficient of Frequency	ppm/°C	-	-18	-
Substrate Material	-		112-LT	

**Input Power : +10dBm**

### D2012 Package Dimension



### Matching Schematic



$$L1 = L2 = 12\text{nH}, C1 = C2 = 51\text{pF}$$

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 )**

