

## 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

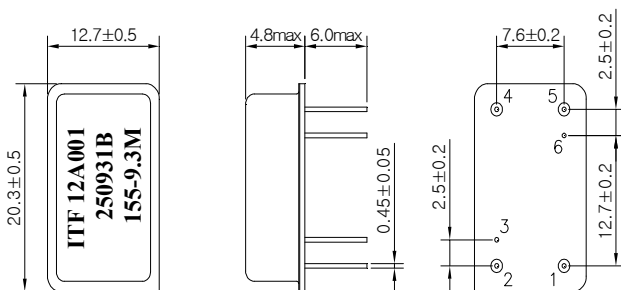
## 2. Electrical Specifications

Source and Load Impedance = 50Ω

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	155.0	-
Insertion Loss	dB	-	27.0	29.0
1dB Bandwidth	MHz	9.2	9.38	-
3dB Bandwidth	MHz	-	9.58	-
20dB Bandwidth	MHz	-	10.21	-
40dB Bandwidth	MHz	-	10.55	10.7
Amplitude Ripple (fo ± 4.51 MHz)	dB	-	0.6	1.2
Group Delay Variation (fo ± 4.51 MHz)	nsec	-	77	150
Absolute Delay	usec	-	2.24	-
Ultimate Rejection	dB	40	45	-
Temperature Coefficient of Frequency	ppm/°C	-	-18	-
Relative Attenuation @edge ± 0.555MHz	dBc	-	17	-

@Edge : 9.02MHz

### D2012 Package Dimension

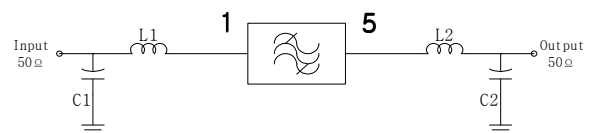


Dimensions shown are nominal in millimeters

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

Termination : Kovar, Au Plated

### Matching Network Configuration



**L1 = 6.8nH, L2 = 33nH**

**C1 = 68pF, C2 = 39pF**

### Pin Configuration

Pin Configuration			
<b>Input</b>	<b>1</b>	<b>Ground</b>	<b>2,4</b>
<b>Output</b>	<b>5</b>	<b>Others</b>	<b>Ground</b>

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

