

**1. Features**

- Typical 1dB bandwidth of 5.1 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

**RoHS Compliant**

Tested by SGS Testing Korea

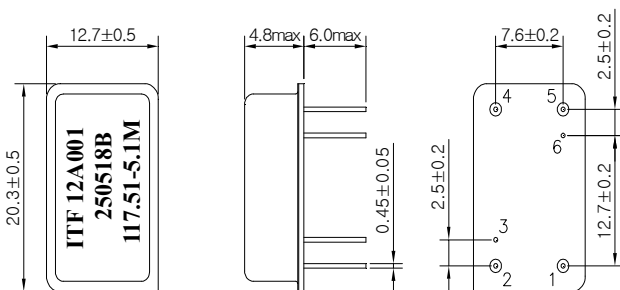
**2. Electrical Specifications**

Source and Load Impedance = 50Ω

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	117.51	-
Insertion Loss	dB	-	25.5	27.0
1dB Bandwidth	MHz	5.0	5.11	-
3dB Bandwidth	MHz	-	5.33	-
20dB Bandwidth	MHz	-	5.96	-
40dB Bandwidth	MHz	-	6.32	6.55
Amplitude Ripple (fo ± 2.46 MHz)	dB	-	0.65	1.5
Group Delay Variation (fo ± 2.46 MHz)	nsec	-	160	300
Absolute Delay	usec	-	2.21	-
Ultimate Rejection	dB	40	48	-
Temperature Coefficient of Frequency	ppm/°C	-	-18	-
Relative Attenuation @edge ± 0.555MHz	dBc	-	22	-

@Edge : 4.92MHz

**D2012 Package Dimension**

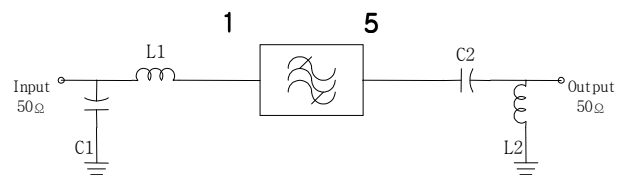


Dimensions shown are nominal in millimeters

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

Termination : Kovar, Au Plated

**Matching Network Configuration**



**L1 = 56nH, L2 = 15nH**  
**C1 = 30pF, C2 = 150pF**

**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 )

