

## 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

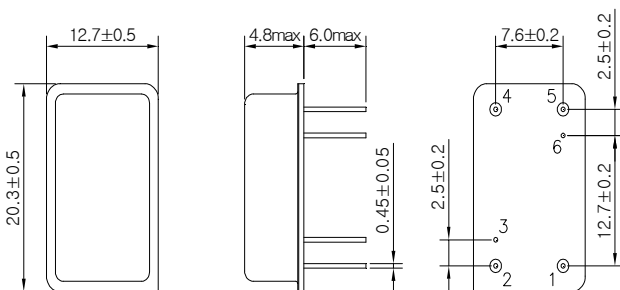
## 2. Electrical Specifications

Source and Load Impedance = 50Ω

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	114.515	-
Insertion Loss	dB	-	23.5	25.5
1dB Bandwidth	MHz	5.05	5.17	-
3dB Bandwidth	MHz	-	5.35	-
40dB Bandwidth	MHz	-	6.15	6.25
Amplitude Ripple (fo ± 2.46 MHz)	dB	-	0.7	1.2
Group Delay Variation (fo ± 2.46 MHz)	nsec	-	110	250
Absolute Delay	usec	-	2.46	-
Ultimate Rejection	dB	40	45	-
Temperature Coefficient of Frequency	ppm/°C	-	-18	-
Relative Attenuation				
111.5MHz	dBc	15	25	
117.25MHz	dBc	3	5	-

Input POWER : +10dBm

### D2012 Package Dimension

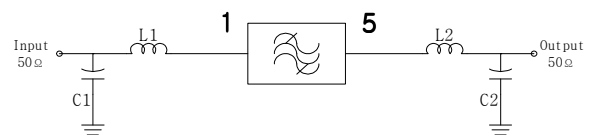


Dimensions shown are nominal in millimeters

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

Termination : Kovar, Au Plated

### Matching Network Configuration



**L1 = 22nH, L2 = 47nH**

**C1 = 68pF, C2 = 24pF**

### Pin Configuration

Pin Configuration			
Input	1	Ground	2,4
Output	5	Others	Ground

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

