

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

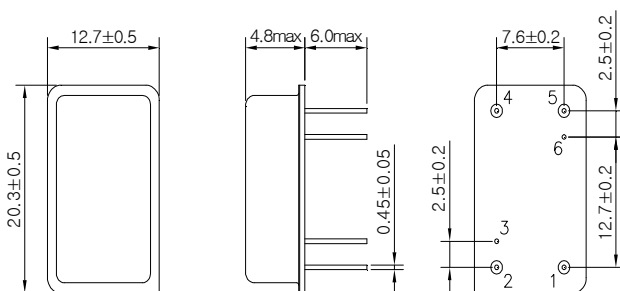
2. Electrical Specifications

Source and Load Impedance = 50Ω

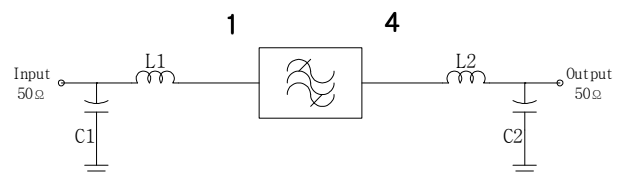
Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	183.0	-
Insertion Loss	dB	-	24.5	26.5
1dB Bandwidth	MHz	5.0	5.15	-
3dB Bandwidth	MHz	-	5.35	-
40dB Bandwidth	MHz	-	6.25	6.35
Amplitude Ripple (fo ± 0.25 MHz)	dB	-	0.8	1.2
Group Delay Variation (fo ± 0.25 MHz)	nsec	-	150	250
Absolute Delay	usec	-	2.58	-
Ultimate Rejection	dB	45	50	
Temperature Coefficient of Frequency	ppm/°C ²	-	-0.03	-

Input POWER : +10dBm

D2012 Package Dimension



Matching Schematic



L1 = 56nH, L2 = 56nH, C1 = 36pF, C2 = 30pF

Pin Configuration

Pin Configuration			
Input	1	Ground	2,5
Output	4	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)

