

1. Features

- Typical 1dB bandwidth of 10.0 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)
- RoHS/RoHS2 (2015/863/EU) Compliant

RoHS Compliant

Tested by SGS Testing Korea

2. Electrical Specifications

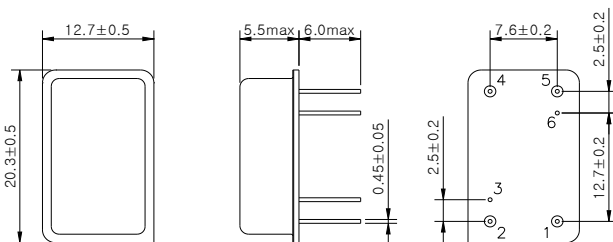
Source and Load Impedance = 50Ω

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	145.0	-
Insertion Loss	dB	-	23.0	25.0
1dB Bandwidth	MHz	-	10.0	-
3dB Bandwidth	MHz	10.2	10.35	-
40dB Bandwidth	MHz	-	11.86	12.0
Amplitude Ripple (fo ± 4.75 MHz)	dB	-	0.5	1.2
Group Delay Variation (fo ± 4.75 MHz)	nsec	-	50	100
Absolute Delay	usec	-	3.26	-
Ultimate Rejection	dB	50	55	-
Temperature Coefficient of Frequency	ppm/°C	-	-18	-

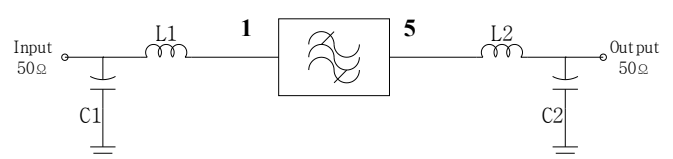
* Input POWER : +10dBm

Due to variances in a PCB layout and parasitics, actual matching values may have to be changed accordingly.

D2012 Package Dimension



Matching Schematic



C1 = 51pF, L1 = L2 = 39nH, C2 = 39pF

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)

