

1. Features

- Typical 1dB bandwidth of 1.8 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

RoHS Compliant

Tested by SGS Testing Korea

2. Electrical Specifications

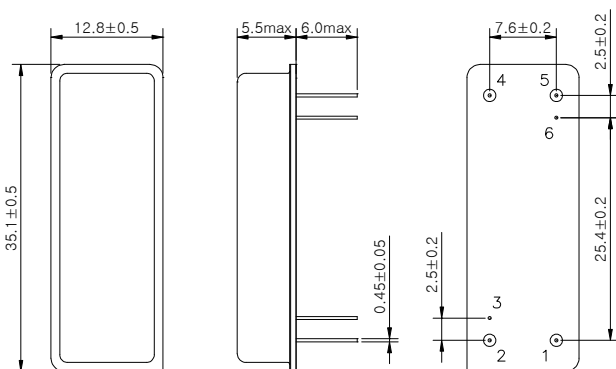
Source and Load Impedance = 50Ω

Room Temperature : +25°C

		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	130.25	130.4	130.55
Insertion Loss	dB	-	23.0	25.0
1dB Bandwidth	MHz	1.65	1.89	-
3dB Bandwidth	MHz	-	2.07	-
40dB Bandwidth	MHz	-	2.95	3.2
Amplitude Ripple (fo ± 0.65 MHz)	dB	-	0.3	1.0
Group Delay Variation (fo ± 0.65 MHz)	nsec	-	150	300
Absolute Delay	usec	-	3.41	-
Ultimate Rejection	dBc	47	52	
Temperature Coefficient of Frequency	ppm/°C ²	-	-0.03	-

Input POWER : +10dBm

D3512 Package Dimension

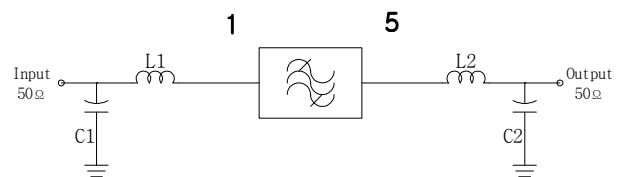


Dimensions shown are nominal in millimeters

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

Termination : Kovar, Au Plated

Matching Schematic



L1 = 56nH, L2 = 68nH, C1 = 56pF, C2 = 39pF

Pin Configuration

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

3. Typical Performance (at +25°C)

