

1. Features

- Typical 1dB bandwidth of 29.6 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

RoHS Compliant

Tested by SGS Testing Korea

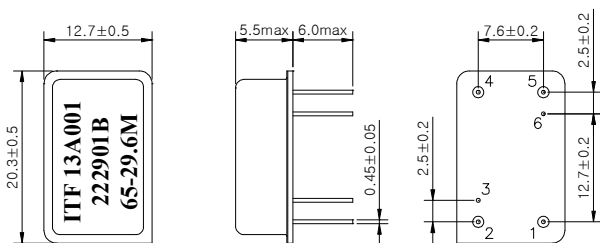
2. Electrical Specifications

Source and Load Impedance = 50Ω

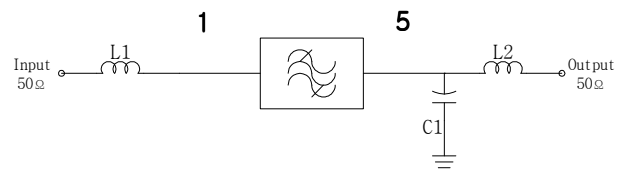
Operating Temperature : -10°C ~ +60°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	65.0	-
Insertion Loss	dB	-	27.5	29.0
1dB Bandwidth	MHz	29.45	29.6	-
3dB Bandwidth	MHz	-	29.9	-
40dB Bandwidth	MHz	-	31.2	31.3
Amplitude Ripple (fo +/- 14.22 MHz)	dB	-	0.65	1.2
Group Delay Variation (fo +/- 14.22 MHz)	nsec	-	30	60
Absolute Delay	usec	-	2.26	-
Ultimate Rejection	dB	45	50	-
Temperature Coefficient of Frequency	ppm/°C	-72		

Room Temperature : +25°C		Minimum	Typical	Maximum
Insertion Loss	dB	-	27.5	29.0
Amplitude Ripple (fo ± 14.4 MHz)	dB	-	0.65	1.2
Group Delay Variation (fo ± 14.4 MHz)	nsec	-	30	60

D2012 Package Dimension



Matching Schematic



L1 = 220nH, L2 = 270nH, C1 = 3pF

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

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

3. Typical Performance (at +25°C)

