

1. Features

- Typical 1dB bandwidth of 29.2 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

RoHS Compliant

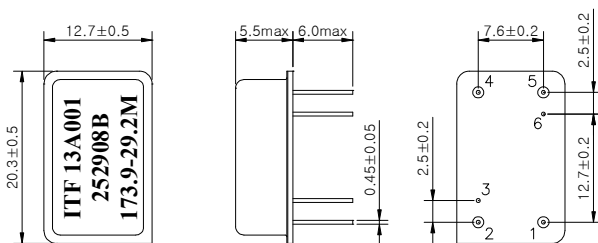
Tested by SGS Testing Korea

2. Electrical Specifications

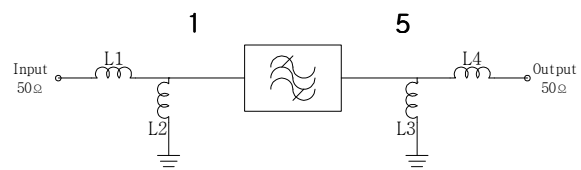
Source and Load Impedance = 50Ω

Operating Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	173.9	-
Insertion Loss	dB	-	30.5	32.0
1 dB Bandwidth	MHz	29.15	29.28	-
3dB Bandwidth	MHz	-	29.60	-
40dB Bandwidth	MHz	-	31.04	31.15
Amplitude Ripple (fo ± 14.4 MHz)	dB	-	0.5	1.0
Group Delay Variation (fo ± 14.4 MHz)	nsec	-	30	60
Absolute Delay	usec	-	2.60	-
Ultimate Rejection	dB	48	53	-
Maximum input Power	dBm	-	-	10
Temperature Coefficient of Frequency	ppm/°C	-18		

D2012 Package Dimension



Matching Schematic



L1 = 47nH, L2 = 47nH, L3 = 39nH, L4 = 39nH

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)

