

1. Features

- Typical 1dB bandwidth of 29.4 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

RoHS Compliant

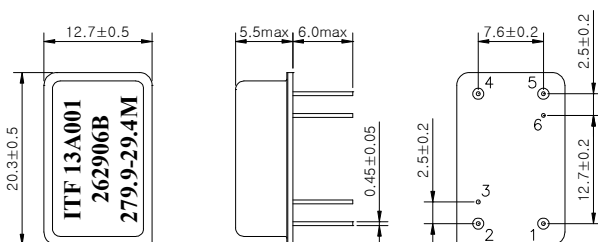
Tested by SGS Testing Korea

2. Electrical Specifications

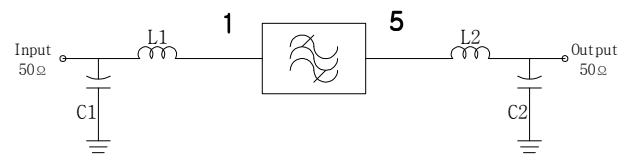
Source and Load Impedance = 50Ω

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	279.9	-
Insertion Loss	dB	-	31.5	33.0
1dB Bandwidth	MHz	29.20	29.40	-
3dB Bandwidth	MHz	-	29.69	-
40dB Bandwidth	MHz	-	30.94	31.05
Amplitude Ripple (Fo±14.45MHz)	dB	-	0.65	1.2
Group Delay Variation (Fo±14.45MHz)	nsec	-	50	100
Absolute Delay	usec	-	2.89	-
Ultimate Rejection	dB	48	53	-
Maximum input Power	dBm	-	-	10
Temperature Coefficient of Frequency	ppm/°C	-	-18	-

D2012 Package Dimension



Matching Schematic



$$L1 = L2 = 12\text{nH}, C1 = C2 = 27\text{pF}$$

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)

