

### 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

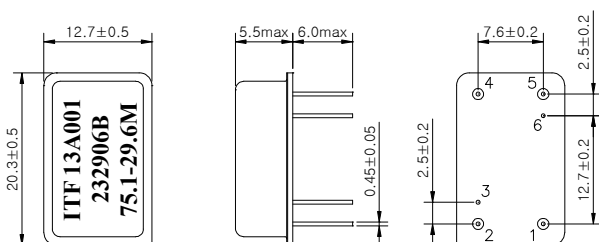
### 2. Electrical Specifications

Source and Load Impedance = 50Ω

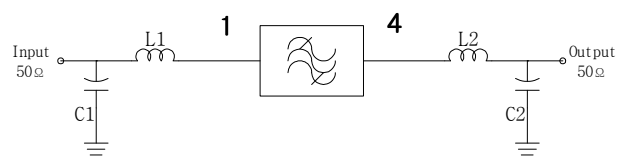
Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	75.1	-
Insertion Loss	dB	-	25.0	27.0
1dB Bandwidth	MHz	29.5	29.68	-
3dB Bandwidth	MHz	-	30.02	-
40dB Bandwidth	MHz	-	31.6	31.7
Amplitude Ripple (fo ± 14.5 MHz)	dB	-	0.5	1.0
Group Delay Variation (fo ± 14.5 MHz)	nsec	-	30	60
Absolute Delay	usec	-	1.99	-
Ultimate Rejection	dB	48	53	-
Temperature Coefficient of Frequency	ppm/°C	-	-72	-

Input POWER : +10dB

D2012 Package Dimension



Matching Schematic



L1 = 180nH, L2 = 180nH, C1 = 22pF, C2 = 22pF

Dimensions shown are nominal in millimeters

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

Pin Configuration

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

### 3. Typical Performance ( at +25°C )

