

## 1. Features

- Typical 1dB bandwidth of 15.5 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

**RoHS Compliant**

Tested by SGS Testing Korea

## 2. Electrical Specifications

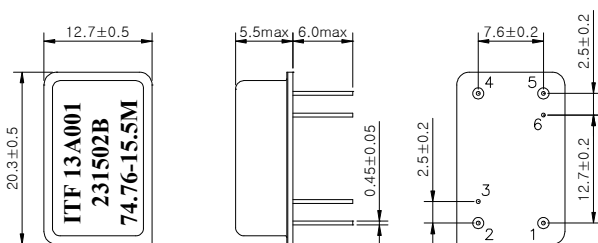
Source and Load Impedance = 50Ω

Operating Temperature : -30 °C ~ +80 °C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	74.76	-
Insertion Loss	dB	-	24.0	25.5
1dB Bandwidth	MHz	15.40	15.54	-
3dB Bandwidth	MHz	-	15.85	-
20dB Bandwidth	MHz	-	16.72	16.90
40dB Bandwidth	MHz	-	17.1	-
Amplitude Ripple (fo ± 7.25 MHz)	dB	-	0.4	1.0
Group Delay Variation (fo ± 7.25 MHz)	nsec	-	30	80
Absolute Delay	usec	-	2.30	-
Ultimate Rejection	dB	50	55	-
Temperature Coefficient of Frequency	ppm/°C	-	-72	-

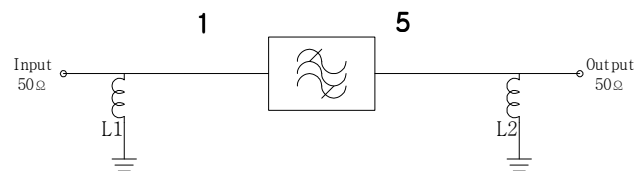
Room Temperature : +25 °C		Minimum	Typical	Maximum
Insertion Loss	dB	-	24.0	25.5
Amplitude Ripple (fo ± 7.55 MHz)	dB	-	0.4	1.0
Group Delay Variation (fo ± 7.55 MHz)	nsec	-	30	80

Maximum Input Power : +10dBm

### D2012 Package Dimension



### Matching Schematic



$$L1 = L2 = 150\text{nH}$$

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

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

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

