

**1. Features**

- Typical 1dB bandwidth of 37.6 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

**RoHS Compliant**

Tested by SGS Testing Korea

**2. Electrical Specifications**

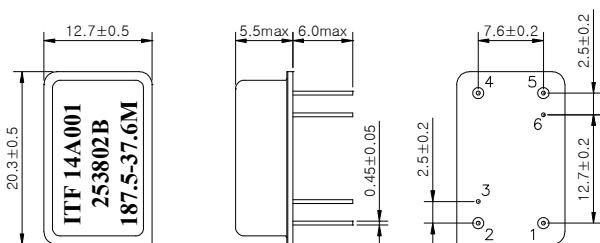
Source and Load Impedance = 50Ω

Operating Temperature : -30 ~ +70 °C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	187.5	-
Insertion Loss	dB	-	24.5	26.0
1dB Bandwidth	MHz	37.2	37.6	-
3dB Bandwidth	MHz	-	38.2	-
40dB Bandwidth	MHz	-	40.72	41.05
Amplitude Ripple (fo ± 17.5 MHz)	dB	-	0.5	1.2
Group Delay Variation (fo ± 17.5 MHz)	nsec	-	20	50
Absolute Delay	usec	-	1.33	-
Ultimate Rejection	dB	50	58	-
Temperature Coefficient of Frequency	ppm/°C	-	-72	-
Relative Attenuation (fo ± 17.5MHz)±4MHz	dB	40	55	-

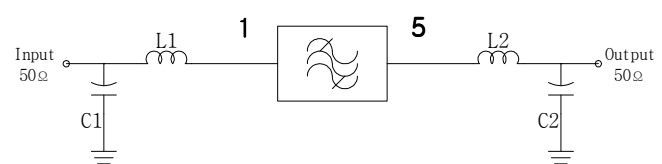
Room Temperature : +25 °C		Minimum	Typical	Maximum
Insertion Loss	dB	-	24.5	26.0
Amplitude Ripple (fo ± 18.24 MHz)	dB	-	0.5	1.2
Group Delay Variation (fo ± 18.24 MHz)	nsec	-	20	50

\* Input POWER : +10dBm

**D2012 Package Dimension**



**Matching Schematic**



**L1 = 33nH, L2 = 27nH, C1 = 7pF**

**Pin Configuration**

	1	Ground	2,4
<b>Input</b>	1	Ground	2,4
<b>Output</b>	5	Others	Ground

Dimensions shown are nominal in millimeters

Base : Fe(SPCC), Au plating over Ni plated

Cap : Cu & Cr Alloy, Ni Plated

Termination : Kovar, Au Plated

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

