

### 1. Features

- Typical 1dB bandwidth of 26.4 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

**RoHS Compliant**

Tested by SGS Testing Korea

### 2. Electrical Specifications

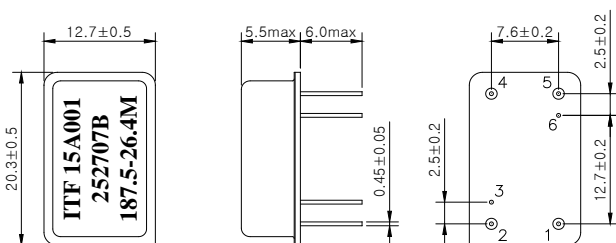
Source and Load Impedance = 50

Operating Temperature : -20°C ~ +70°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	187.3	187.5	187.7
Insertion Loss	dB	-	25.5	27.0
1dB Bandwidth	MHz	26.25	26.4	-
3dB Bandwidth	MHz	-	27.1	-
40dB Bandwidth	MHz	-	30.1	30.25
Amplitude Ripple (fo ± 12.5 MHz)	dB	-	0.6	1.2
Group Delay Variation (fo ± 12.5 MHz)	nsec	-	30	60
Absolute Delay	usec	-	2.18	-
Ultimate Rejection	dB	50	55	-
Relative Attenuation (Fo ± 12.5 MHz) ± 3.0 MHz	dB	40	53	-
Temperature Coefficient of Frequency	ppm/°C	-	-18	-

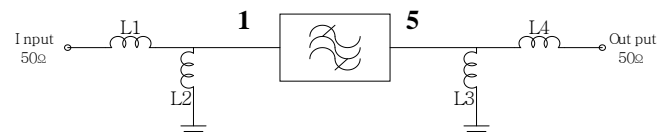
Room Temperature : +25°C		Minimum	Typical	Maximum
Insertion Loss	dB	-	25.5	27.0
Amplitude Ripple (fo ± 12.68 MHz)	dB	-	0.6	1.2
Group Delay Variation (fo ± 12.68 MHz)	nsec	-	30	60

\* Input POWER : +10dBm

#### D2012 Package Dimension



#### Matching Schematic



L1 = 68nH, L2 = 56nH, L3 = 47nH, L4 = 68nH

#### Pin Configuration

Pin Configuration			
Input	1	Ground	2, 4
Output	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 )

