

### 1. Features

- Typical 1dB bandwidth of 15.6 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)
- RoHS/RoHS2 (2015/863/EU) Compliant

**RoHS Compliant**

Tested by SGS Testing Korea

### 2. Electrical Specifications

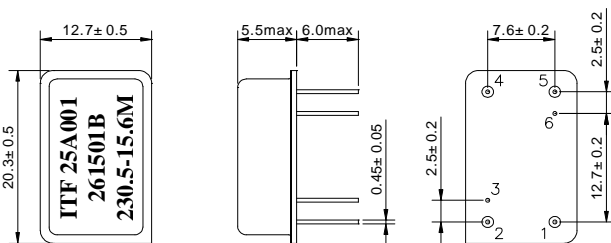
Source and Load Impedance = 50Ω

Room Temperature : +25 °C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	230.5	-
Insertion Loss	dB	-	27.2	29.0
1dB Bandwidth	MHz	15.4	15.6	-
3dB Bandwidth	MHz	-	15.9	-
40dB Bandwidth	MHz	-	17.35	17.5
Amplitude Ripple (fo ± 7.5 MHz)	dB	-	0.6	1.0
Group Delay Variation (fo ± 7.5 MHz)	nsec	-	40	100
Absolute Delay	usec	-	2.3	-
Ultimate Rejection	dB	45	50	-
Temperature Coefficient of Frequency	ppm/°C	-	-18	-

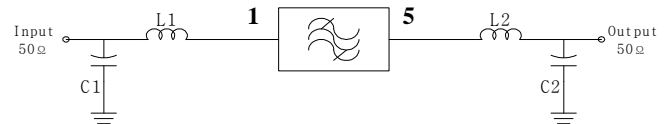
\* Input POWER : +10dBm

Due to variances in a PCB layout and parasitics, actual matching values may have to be changed accordingly.

#### D2012 Package Dimension



#### Matching Schematic



C1 = 27pF, L1 = 22nH, L2 = 18nH, C2 = 24pF

#### Pin Configuration

	1	Others	Ground
Input	1		
Output	5		

Dimensions shown are nominal in millimeters

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

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

