

### 1. Features

- Typical 1dB bandwidth of 13.9 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

**RoHS Compliant**

Tested by SGS Testing Korea

### 2. Electrical Specifications

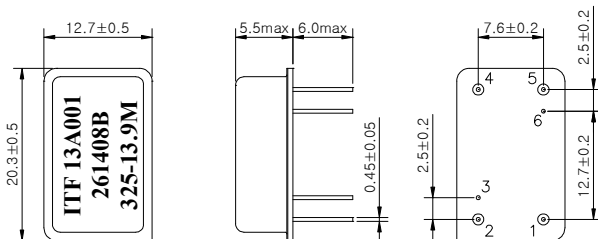
Source and Load Impedance = 50Ω

Room Temperature : +25°C

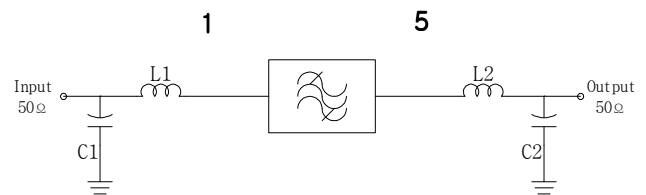
		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	324.84	325.0	325.16
Insertion Loss	dB	-	28.0	30.0
1dB Bandwidth	MHz	13.85	13.96	-
3dB Bandwidth	MHz	-	14.31	-
45dB Bandwidth	MHz	-	15.84	16.00
Amplitude Ripple (Fo±6.7575MHz)	dB	-	0.6	1.2
Group Delay Variation (Fo±6.7575MHz)	nsec	-	50	100
Absolute Delay	usec	-	2.28	2.30
Ultimate Rejection	dB	47	53	-
Temperature Coefficient of Frequency	ppm/°C	-	-18	-
Substrate Material	-		112-LT	

\* Input POWER : 10dBm

#### D2012 Package Dimension



#### Matching Schematic



$$L1 = L2 = 1.5\text{nH}, C1 = 33\text{pF}, C2 = 18\text{pF}$$

#### Pin Configuration

	1	Ground	2,4
Input			
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 )

