

## 1. Features

- Typical 1dB bandwidth of 18.5 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

**RoHS Compliant**

Tested by SGS Testing Korea

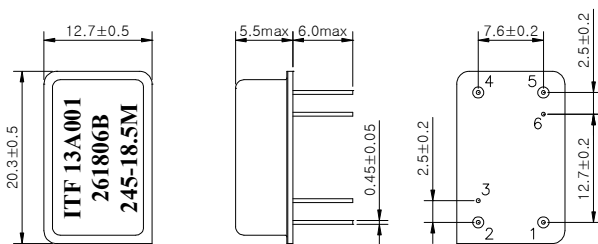
## 2. Electrical Specifications

Source and Load Impedance = 50Ω

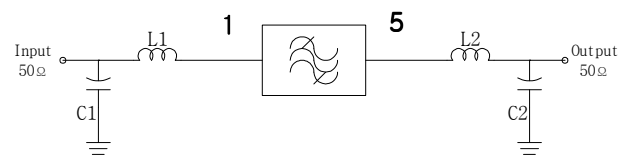
Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	245.0	-
Insertion Loss	dB	-	27.0	28.5
1dB Bandwidth	MHz	18.40	18.55	-
3dB Bandwidth	MHz	-	18.92	-
40dB Bandwidth	MHz	-	20.45	20.60
Amplitude Ripple (Fo±9.0075MHz)	dB	-	0.65	1.2
Group Delay Variation (Fo±9.0075MHz)	nsec	-	40	100
Absolute Delay	usec	-	2.26	-
Ultimate Rejection	dB	47	53	-
Temperature Coefficient of Frequency	ppm/°C	-	-18	-
Substrate Material	-		112-LT	

**Input Power : +10dBm**

### D2012 Package Dimension



### Matching Schematic



$$L1 = L2 = 15\text{nH}, C1 = C2 = 30\text{pF}$$

### Pin Configuration

	1	Ground	2,4
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 )**

