

## 1. Features

- Typical 1dB bandwidth of 16.0 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

**RoHS Compliant**

Tested by SGS Testing Korea

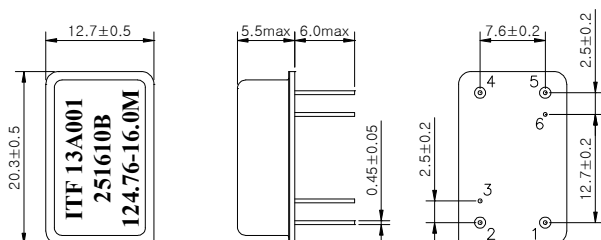
## 2. Electrical Specifications

Source and Load Impedance = 50Ω

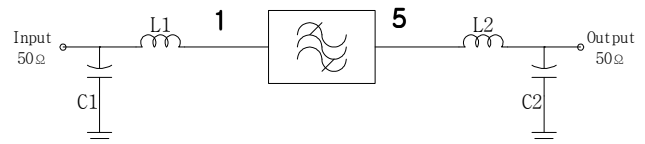
Operating Temperature : -30°C ~ +85°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	124.76	-
Insertion Loss	dB	-	22.5	24.0
1dB Bandwidth	MHz	15.85	16.01	-
3dB Bandwidth	MHz	-	16.34	-
40dB Bandwidth	MHz	-	17.66	17.8
Amplitude Ripple (Fo±7.24MHz)	dB	-	0.6	1.0
Group Delay Variation (Fo±7.24MHz)	nsec	-	50	100
Absolute Delay	usec	-	2.13	-
Ultimate Rejection	dB	50	55	-
Temperature Coefficient of Frequency	ppm/°C	-	-72	-

Room Temperature : +25°C		Minimum	Typical	Maximum
Insertion Loss	dB	-	22.5	24.0
Amplitude Ripple (Fo±7.75MHz)	dB	-	0.6	1.0
Group Delay Variation (Fo±7.75MHz)	nsec	-	50	100

**D2012 Package Dimension**



**Matching Schematic**



$$L1 = 33\text{nH}, L2 = 39\text{nH}, C1 = C2 = 27\text{pF}$$

Dimensions shown are nominal in millimeters

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

**Pin Configuration**

	1	Ground	2,4
Input			
Output	5	Others	Ground

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

