

1. Features

- Typical 1dB bandwidth of 10.0 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

RoHS Compliant

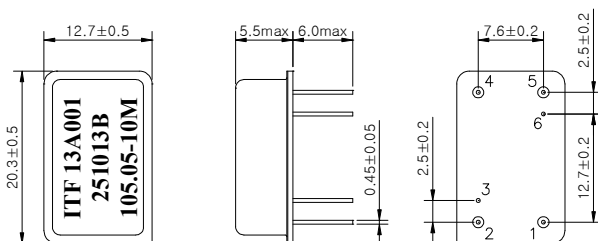
Tested by SGS Testing Korea

2. Electrical Specifications

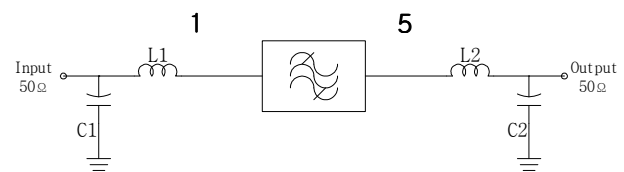
Source and Load Impedance = 50Ω

Operating Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	105.05	-
Insertion Loss	dB	-	22.5	24.0
1 dB Bandwidth	MHz	9.9	10.08	-
3dB Bandwidth	MHz	-	10.43	-
40dB Bandwidth	MHz	-	11.71	11.85
Amplitude Ripple (fo ± 4.84 MHz)	dB	-	0.55	1.0
Group Delay Variation (fo ± 4.84 MHz)	nsec	-	50	100
Absolute Delay	usec	-	1.97	2.00
Ultimate Rejection	dB	48	53	-
Temperature Coefficient of Frequency	ppm/°C	-72		

D2012 Package Dimension



Matching Schematic



$$L1 = L2 = 33\text{nH}, C1 = C2 = 47\text{pF}$$

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)

