

1. Features

- Typical 1dB bandwidth of 19.4 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

RoHS Compliant

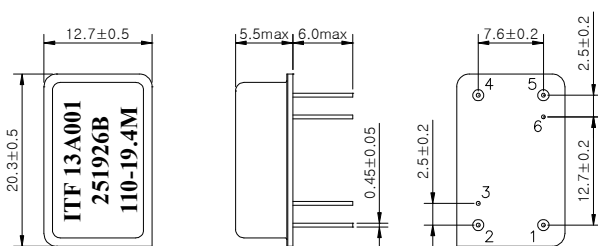
Tested by SGS Testing Korea

2. Electrical Specifications

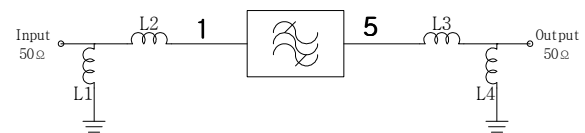
Source and Load Impedance = 50Ω

Operating Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	110.0	-
Insertion Loss	dB	-	25.0	26.5
1dB Bandwidth	MHz	19.30	19.41	-
3dB Bandwidth	MHz	-	19.66	-
40dB Bandwidth	MHz	-	20.74	-
50dB Bandwidth	MHz	-	20.84	21.0
Amplitude Ripple (fo ± 9.5 MHz)	dB	-	0.6	1.0
Group Delay Variation (fo ± 9.5 MHz)	nsec	-	50	100
Absolute Delay	usec	-	2.29	-
Ultimate Rejection	dB	50	55	-
Maximum input Power	dBm	-	-	10
Temperature Coefficient of Frequency	ppm/°C	-	-72	-

D2012 Package Dimension



Matching Schematic



L1 = 39nH, L2 = 56nH, C1 = 18pF, C2 = 27pF

Dimensions shown are nominal in millimeters

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

Pin Configuration

Input	1	Ground	2,4
Output	5	Others	Ground

3. Typical Performance (at +25°C)

