

1. Features

- Typical 1dB bandwidth of 19.8 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

RoHS Compliant

Tested by SGS Testing Korea

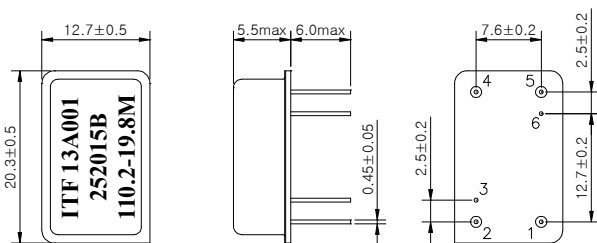
2. Electrical Specifications

Source and Load Impedance = 50Ω

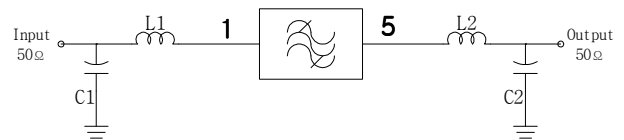
Room Temperature : +25°C

		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	110.2	-
Insertion Loss	dB	-	24.6	26.5
1dB Bandwidth	MHz	19.7	19.85	-
3dB Bandwidth	MHz	-	20.10	-
40dB Bandwidth	MHz	-	21.2	-
50dB Bandwidth	MHz	-	21.35	21.5
Amplitude Ripple (fo ± 9.7 MHz)	dB	-	0.6	1.0
Group Delay Variation (fo ± 9.7 MHz)	nsec	-	40	80
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 = 47nH, 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)

