

1. Features

- Typical 1dB bandwidth of 5.3 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

RoHS Compliant

Tested by SGS Testing Korea

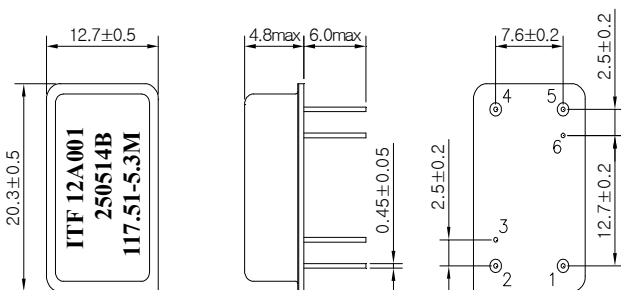
2. Electrical Specifications

Source and Load Impedance = 50Ω

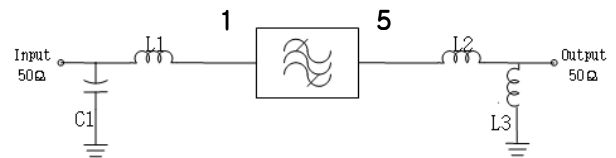
Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	117.51	-
Insertion Loss	dB	-	24.5	26.0
1dB Bandwidth	MHz	5.15	5.33	-
3dB Bandwidth	MHz	-	5.5	-
20dB Bandwidth	MHz	-	6.02	-
40dB Bandwidth	MHz	-	6.30	6.45
Amplitude Ripple (fo ± 2.46 MHz)	dB	-	0.7	1.2
Group Delay Variation (fo ± 2.46 MHz)	nsec	-	162	300
Absolute Delay	usec	-	2.45	-
Ultimate Rejection	dB	40	45	-
Temperature Coefficient of Frequency	ppm/°C	-	-18	-
Relative Attenuation @edge ± 0.555MHz	dBc	-	20	-

@Edge : 4.92MHz

D2012 Package Dimension



Matching Network Configuration



L1 = 18nH, L2 = 8.2nH, L3 = 56nH

C1 = 100pF

Pin Configuration

Pin Configuration			
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)

