

1. Features

- Typical 1dB bandwidth of 19.77 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

RoHS Compliant

Tested by SGS Testing Korea

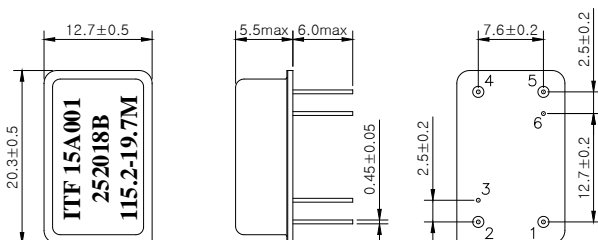
2. Electrical Specifications

Source and Load Impedance = 50

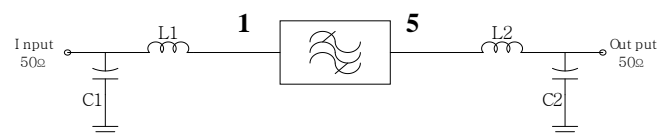
Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	115.05	115.2	115.35
Insertion Loss	dB	-	21.7	23.5
1dB Bandwidth	MHz	19.55	19.77	-
3dB Bandwidth	MHz	-	20.16	-
40dB Bandwidth	MHz	-	21.88	22.05
Amplitude Ripple (fo ± 9.22 MHz)	dB	-	0.55	1.0
Group Delay Variation (fo ± 9.22 MHz)	nsec	-	35	80
Absolute Delay	usec	-	1.69	-
Ultimate Rejection	dB	50	55	-
Temperature Coefficient of Frequency	ppm/°C	-	-72	-

* Input POWER : +10dBm

D2012 Package Dimension



Matching Schematic



C1 = 20pF, L1 = 68nH, L2 = 56nH, C2 = 22pF

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)

