

1. Features

- Typical 1dB bandwidth of 9.2 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

RoHS Compliant

Tested by SGS Testing Korea

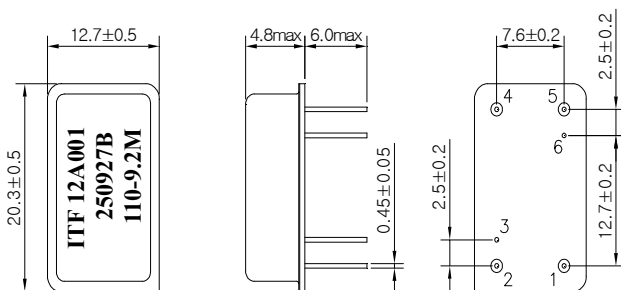
2. Electrical Specifications

Source and Load Impedance = 50Ω

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	110.0	-
Insertion Loss	dB	-	28.1	30.0
1dB Bandwidth	MHz	9.1	9.25	-
3dB Bandwidth	MHz	-	9.44	-
20dB Bandwidth	MHz	-	10.05	-
40dB Bandwidth	MHz	-	10.43	10.6
Amplitude Ripple (fo ± 4.51 MHz)	dB	-	0.66	1.2
Group Delay Variation (fo ± 4.51 MHz)	nsec	-	105	200
Absolute Delay	usec	-	2.32	-
Ultimate Rejection	dB	40	45	-
Temperature Coefficient of Frequency	ppm/°C	-	-18	-
Relative Attenuation @edge ± 0.555MHz	dBc	-	20	-

@Edge : 9.02MHz

D2012 Package Dimension

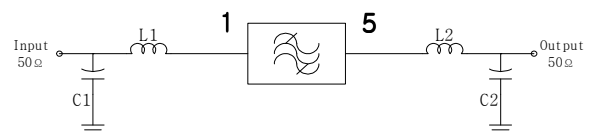


Dimensions shown are nominal in millimeters

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

Termination : Kovar, Au Plated

Matching Network Configuration



L1 = 39nH, L2 = 68nH,

C1 = 33nH, C2 = 39pF

Pin Configuration

Pin Configuration			
Input	1	Ground	2,4
Output	5	Others	Ground

3. Typical Performance (at +25°C)

