

1. Features

- Typical 1dB bandwidth of 9.3 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

RoHS Compliant

Tested by SGS Testing Korea

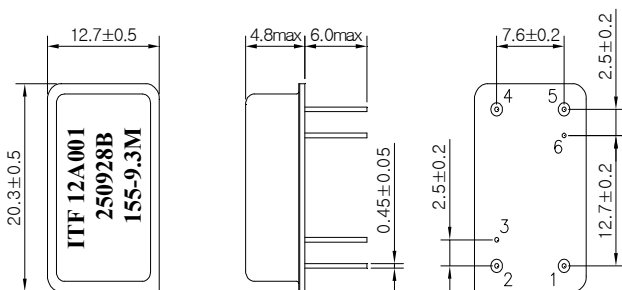
2. Electrical Specifications

Source and Load Impedance = 50Ω

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	155.0	-
Insertion Loss	dB	-	28.2	30.0
1dB Bandwidth	MHz	9.2	9.38	-
3dB Bandwidth	MHz	-	9.58	-
20dB Bandwidth	MHz	-	10.20	-
40dB Bandwidth	MHz	-	10.55	10.7
Amplitude Ripple (fo ± 4.51 MHz)	dB	-	0.65	1.2
Group Delay Variation (fo ± 4.51 MHz)	nsec	-	94	200
Absolute Delay	usec	-	2.24	-
Ultimate Rejection	dB	40	48	-
Temperature Coefficient of Frequency	ppm/°C	-	-18	-
Relative Attenuation @edge ± 0.555MHz	dBc	-	15	-

@Edge : 9.02MHz

D2012 Package Dimension

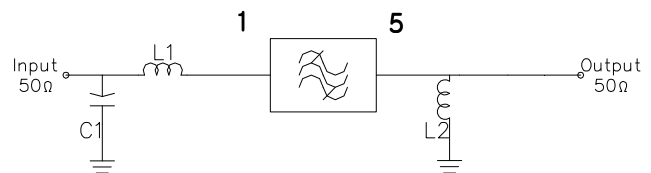


Dimensions shown are nominal in millimeters

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

Termination : Kovar, Au Plated

Matching Network Configuration



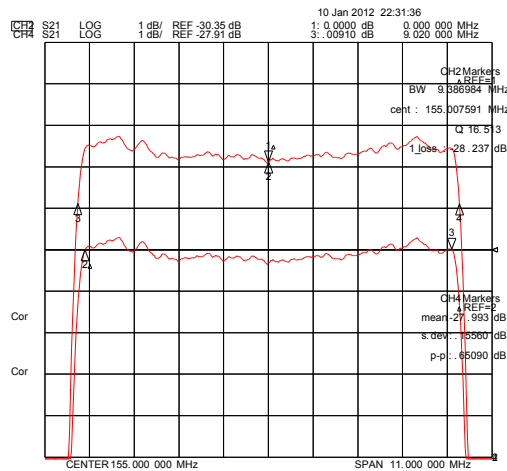
L1 = 12nH, L2 = 47nH

C1 = 36pF

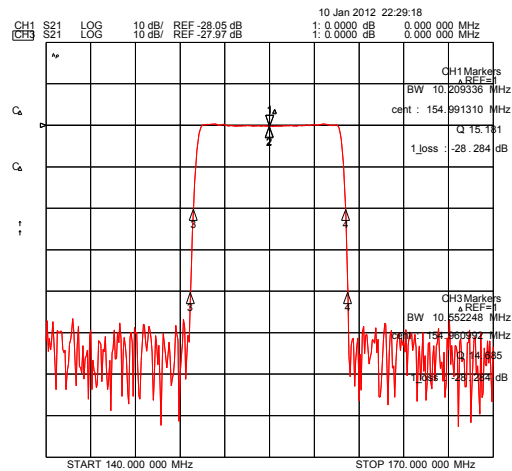
Pin Configuration			
Input	1	Ground	2,4
Output	5	Others	Ground

3. Typical Performance (at +25°C)

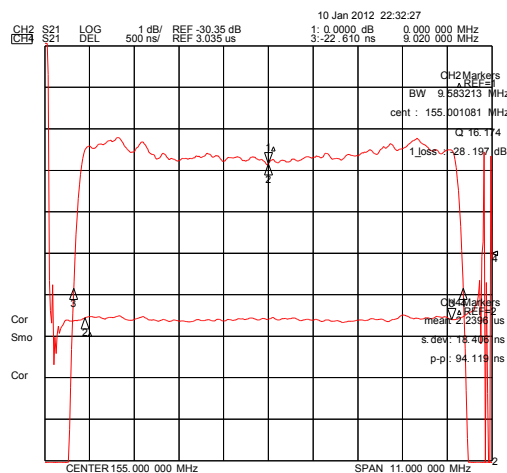
1dB Bandwidth & Ripple



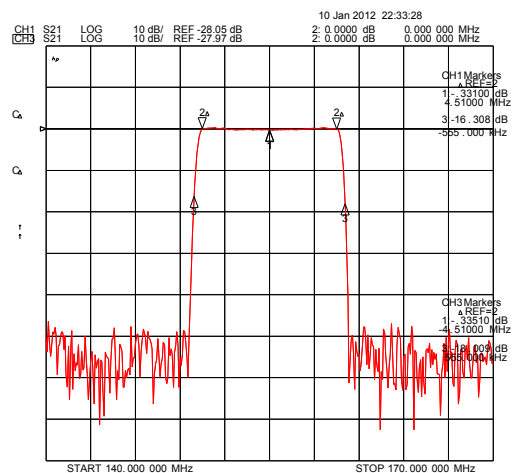
20dB Bandwidth & 40dB Bandwidth



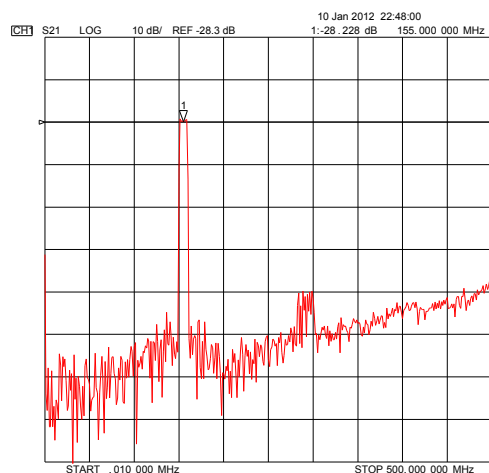
3dB Bandwidth & Group Delay



Relative Attenuation



Wide band Properties



SWR(S11 & S22)

