

1. Features

- Typical 1dB bandwidth of 13.0 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

RoHS Compliant

Tested by SGS Testing Korea

2. Electrical Specifications

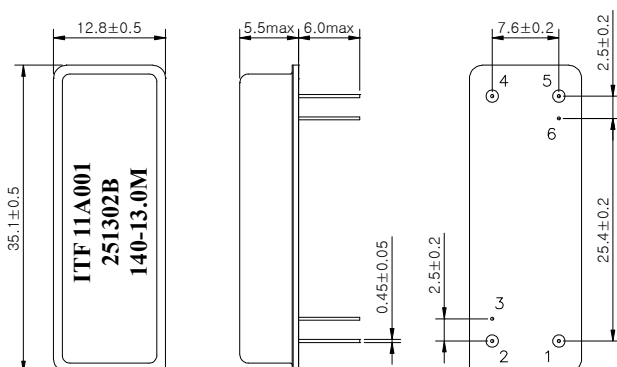
Source and Load Impedance = 50Ω

Operating Temperature : +25°C

		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	140.0	-
Insertion Loss	dB	-	28.0	29.5
1dB Bandwidth	MHz	12.95	13.01	-
3dB Bandwidth	MHz	-	13.17	-
40dB Bandwidth	MHz	-	13.8	-
Amplitude Ripple (fo ± 6.4MHz)	dB	-	0.6	1.0
Group Delay Variation (fo ± 6.4MHz)	nsec	-	80	150
Absolute Delay	usec	-	4.96	-
Ultimate Rejection	dB	45	50	-
Temperature Coefficient of Frequency	ppm/°C	-	-18	-
Out of Band Gain @BW Edge ± 400KHz	dB	26	38	

@BW Edge: 6.5 MHz

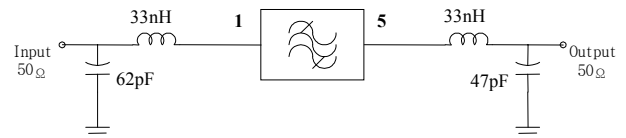
D3512 Package Dimension



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 Schematic



Pin Configuration

Input	1	Ground	2,4
Output	5	Others	Ground

3. Typical Performance (at +25°C)

