

1. Features

- Typical 1dB bandwidth of 25.0 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

RoHS Compliant

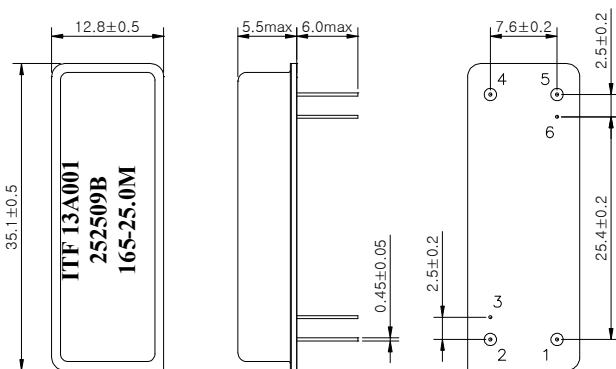
Tested by SGS Testing Korea

2. Electrical Specifications

Source and Load Impedance = 50Ω

Operating Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	165.0	-
Insertion Loss	dB	-	31.6	33.0
1dB Bandwidth	MHz	24.90	25.0	-
3dB Bandwidth	MHz	-	25.22	-
40dB Bandwidth	MHz	-	26.16	26.30
50dB Bandwidth	MHz	-	26.22	-
Amplitude Ripple (fo ± 12.4 MHz)	dB	-	0.6	1.2
Group Delay Variation (fo ± 12.4 MHz)	nsec	-	35	80
Absolute Delay	usec	-	3.52	-
Ultimate Rejection	dB	48	52	-
Input power	dBm	-	-	10
Temperature Coefficient of Frequency	ppm/°C	-18		

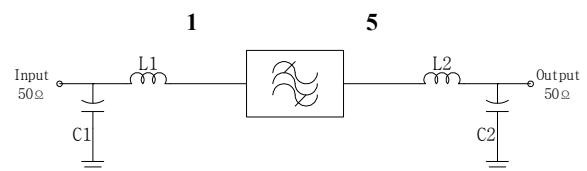
D3512 Package Dimension



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



L1 = 39nH, L2 = 39nH, C1 = 39pF, C2 = 39pF

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

3. Typical Performance (at +25°C)

