

1. Features

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

RoHS Compliant

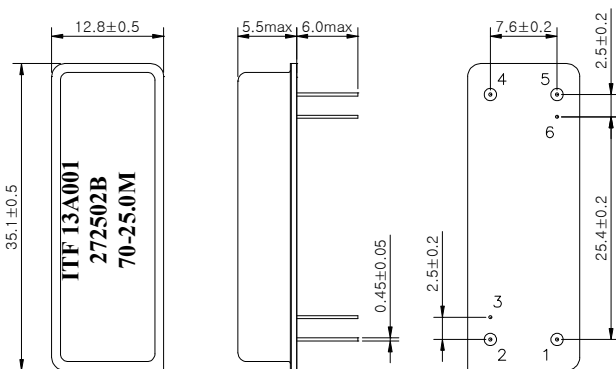
Tested by SGS Testing Korea

2. Electrical Specifications

Source and Load Impedance = 50Ω

Operating Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	70.0	-
Insertion Loss	dB	-	28.0	29.5
1dB Bandwidth	MHz	24.90	25.07	-
3dB Bandwidth	MHz	-	25.28	-
40dB Bandwidth	MHz	-	26.16	26.30
50dB Bandwidth	MHz	-	26.25	-
Amplitude Ripple (fo ± 12.4 MHz)	dB	-	0.7	1.2
Group Delay Variation (fo ± 12.4 MHz)	nsec	-	35	80
Absolute Delay	usec	-	2.92	-
Ultimate Rejection	dB	45	52	-
Input power	dBm	-	-	10
Temperature Coefficient of Frequency	ppm/°C	-72		

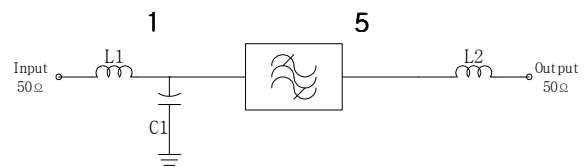
D3512 Package Dimension



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 = 150nH, L2 = 120nH, C1 = 1pF

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

3. Typical Performance (at +25°C)

