

1. Features

- Typical 1dB bandwidth of 24.9 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

RoHS Compliant

Tested by SGS Testing Korea

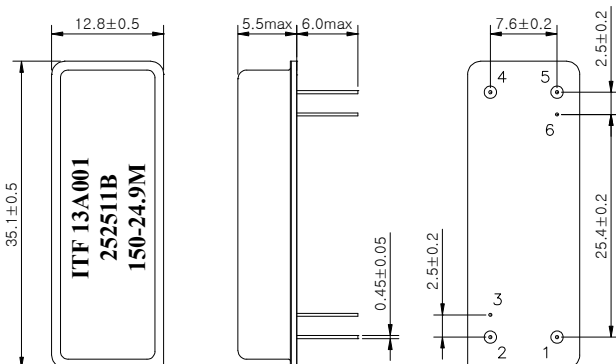
2. Electrical Specifications

Source and Load Impedance = 50Ω

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	150.0	-
Insertion Loss	dB	-	30.5	32.0
1dB Bandwidth	MHz	24.80	24.95	-
3dB Bandwidth	MHz	-	25.13	-
20dB Bandwidth			25.61	25.67
25dB Bandwidth	MHz	-	25.67	-
40dB Bandwidth	MHz	-	25.82	-
Amplitude Ripple (fo ± 12.1 MHz)	dB	-	0.6	1.2
Group Delay Variation (fo ± 12.1 MHz)	nsec	-	50	100
Absolute Delay	usec	-	3.48	-
Ultimate Rejection	dB	45	50	-
Temperature Coefficient of Frequency	ppm/°C	-	-84	-

Input POWER : 10dBm

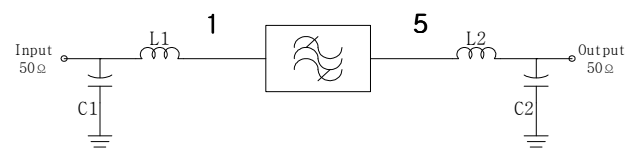
D3512 Package Dimension



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 = L2 = 27nH, C1 = 24pF, C2 = 22pF

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

3. Typical Performance (at +25°C)

