

1. Features

- Typical 2dB bandwidth of 5.1 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

RoHS Compliant

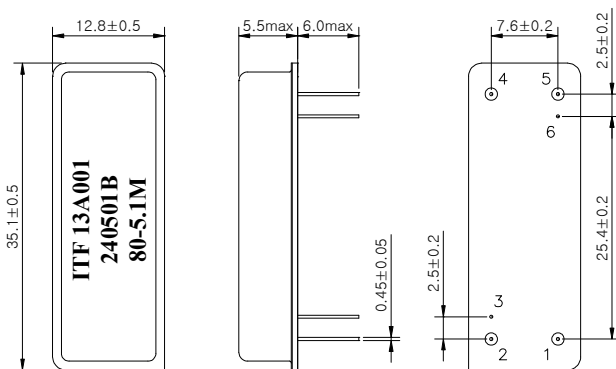
Tested by SGS Testing Korea

2. Electrical Specifications

Source and Load Impedance = 50Ω

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	80.0	-
Insertion Loss	dB	-	22.5	24.0
1dB Bandwidth	MHz	5.05	5.15	-
3dB Bandwidth	MHz	-	5.3	-
40dB Bandwidth	MHz	-	5.95	6.03
Amplitude Ripple (fo ± 2.45 MHz)	dB	-	0.65	1.0
Group Delay Variation (fo ± 2.45 MHz)	nsec	-	120	250
Absolute Delay	usec	-	3.64	-
Ultimate Rejection	dB	40	45	-
Temperature Coefficient of Frequency	ppm/°C	-86		

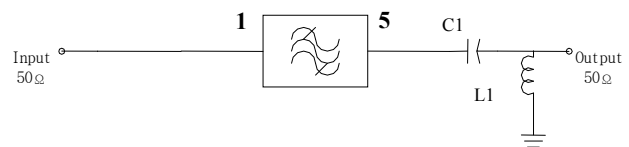
D3512 Package Dimension



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



C1 = 100pF, L1 = 56nH

Pin Configuration

Input	1	Ground	2,4
Output	5	Others	Ground

3. Typical Performance (at +25°C)

