

1. Features

- Typical 2dB bandwidth of 5.4 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

RoHS Compliant

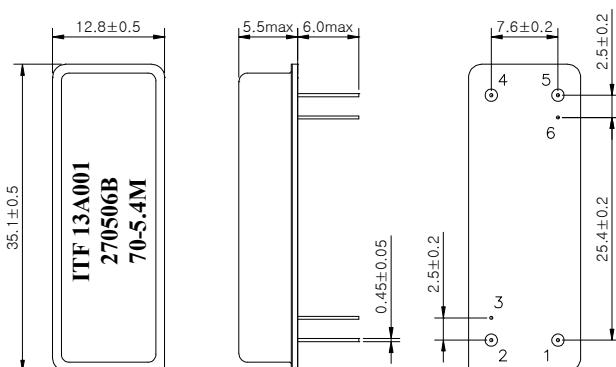
Tested by SGS Testing Korea

2. Electrical Specifications

Source and Load Impedance = 50Ω

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	70.0	-
Insertion Loss	dB	-	21.0	23.0
2dB Bandwidth	MHz	-	5.40	5.45
25dB Bandwidth	MHz	-	6.15	6.20
40dB Bandwidth	MHz	-	6.32	-
Amplitude Ripple (fo ± 2.45 MHz)	dB	-	0.50	1.0
Group Delay Variation (fo ± 2.45 MHz)	nsec	-	100	200
Absolute Delay	usec	-	3.68	-
Ultimate Rejection	dB	50	55	-
Temperature Coefficient of Frequency	ppm/°C	-	-86	-

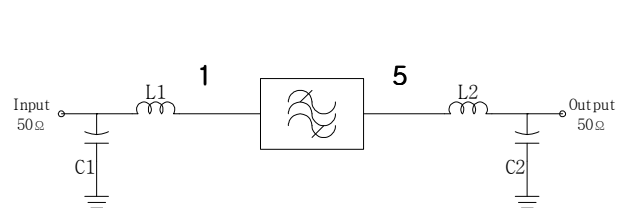
D3512 Package Dimension



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



$$L1 = L2 = 56\text{nH}, C1 = C2 = 62\text{pF}$$

Pin Configuration

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

3. Typical Performance (at +25°C)

