

1. Features

- Typical 1dB bandwidth of 9.3 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

RoHS Compliant

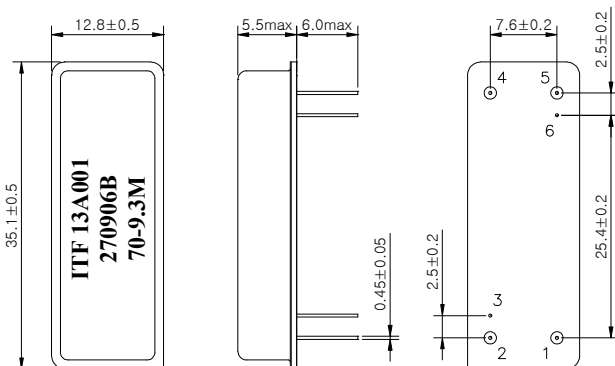
Tested by SGS Testing Korea

2. Electrical Specifications

Source and Load Impedance = 50Ω

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	70.0	-
Insertion Loss	dB	-	28.5	30.0
1dB Bandwidth	MHz	9.2	9.30	-
3dB Bandwidth	MHz	-	9.48	-
35dB Bandwidth	MHz	-	10.31	10.4
Relative Attenuation	Fo ± 5.2 MHz	30	40	
	Fo ± 6.0 MHz	40	45	
	Fo ± 10.0 MHz	40	45	
	Fo ± 15.0 MHz	40	45	
Amplitude Ripple (fo ± 4.5 MHz)	dB	-	0.6	1.2
Group Delay Variation (fo ± 4.5 MHz)	nsec	-	60	200
Absolute Delay	usec	-	2.44	-
Temperature Coefficient of Frequency	ppm/°C	-	-18	-

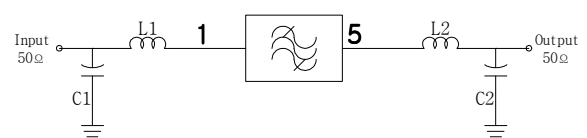
D3512 Package Dimension



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 = 100nH, L2 = 180nH, C1 = 82pF, C2 = 68pF

Pin Configuration

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

3. Typical Performance (at +25°C)

