

1. Features

- Typical 1dB bandwidth of 9.2 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

RoHS Compliant

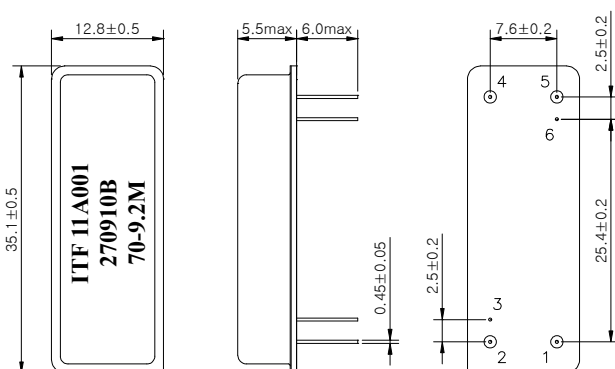
Tested by SGS Testing Korea

2. Electrical Specifications

Source and Load Impedance = 50Ω

Operating Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	70.0	-
Insertion Loss	dB	-	21.0	22.5
1dB Bandwidth	MHz	9.1	9.2	-
3dB Bandwidth	MHz	-	9.45	-
35dB Bandwidth	MHz	-	10.35	10.4
Amplitude Ripple (fo ± 4.4 MHz)	dB	-	0.55	1.0
Group Delay Variation (fo ± 4.4 MHz)	nsec	-	90	160
Absolute Delay	usec	-	2.39	-
Relative attenuation	fo ± 5.2 MHz	dB	25	42
	fo ± 6.0 MHz	dB	48	55
	fo ± 10.0 MHz	dB	48	55
	fo ± 15.0 MHz	dB	50	55
Temperature Coefficient of Frequency	ppm/°C	-	-72	-

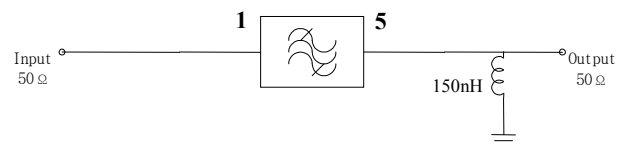
D3512 Package Dimension



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



Pin Configuration

Input	1	Ground	2,4
Output	5	Others	Ground

3. Typical Performance (at +25°C)

