

1. Features

- Typical 1dB bandwidth of 9.75 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

RoHS Compliant

Tested by SGS Testing Korea

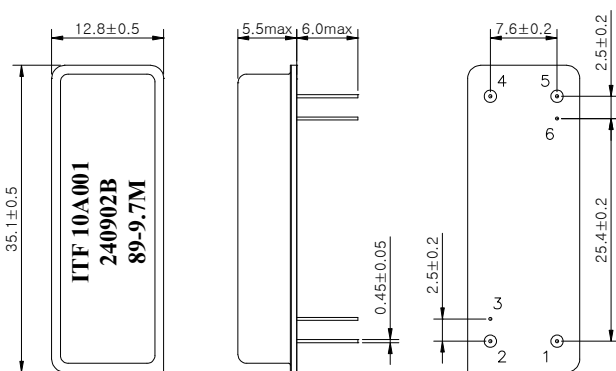
2. Electrical Specifications

Source and Load Impedance = 50Ω

Operating Temperature : +25°C

		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	89.0	-
Insertion Loss	dB	-	25.0	26.5
1dB Bandwidth	MHz	9.65	9.75	-
3dB Bandwidth	MHz	-	9.90	-
50dB Bandwidth	MHz	-	10.80	10.90
Amplitude Ripple (fo ± 4.72 MHz)	dB	-	0.5	1.0
Group Delay Variation (fo ± 4.72 MHz)	nsec	-	60	120
Absolute Delay	usec	-	3.44	-
Ultimate Rejection	dB	50	55	-
Temperature Coefficient of Frequency	ppm/°C	-	-72	-

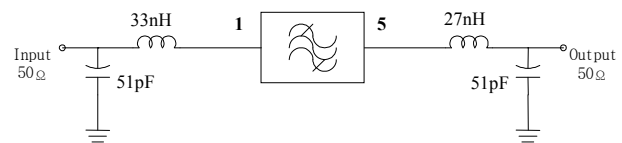
D3512 Package Dimension



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

	1	Ground	2,4
Input			
Output	5	Others	Ground

3. Typical Performance (at +25°C)

