

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

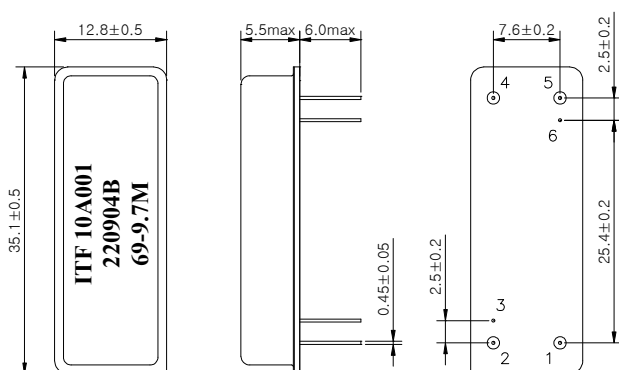
2. Electrical Specifications

Source and Load Impedance = 50Ω

Operating Temperature : +25°C

		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	69.0	-
Insertion Loss	dB	-	24.5	26.0
1dB Bandwidth	MHz	9.65	9.75	-
3dB Bandwidth	MHz	-	9.93	-
50dB Bandwidth	MHz	-	10.8	10.9
Amplitude Ripple (fo ± 4.72 MHz)	dB	-	0.4	1.0
Group Delay Variation (fo ± 4.72 MHz)	nsec	-	50	120
Absolute Delay	usec	-	3.5	-
Ultimate Rejection	dB	50	55	-
Temperature Coefficient of Frequency	ppm/°C	-	-72	-

D3512 Package Dimension



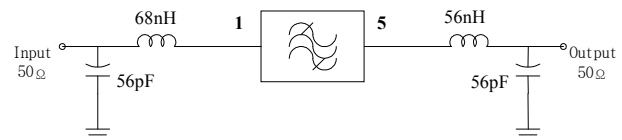
Dimensions shown are nominal in millimeters

Base : Fe(SPCC), Au plating over Ni plated

Cap : Cu & Cr Alloy, Ni Plated

Termination : Kovar, Au Plated

Matching Schematic



Pin Configuration

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

3. Typical Performance (at +25°C)

