

### 1. Features

- Typical 1dB bandwidth of 10.55 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

**RoHS Compliant**

Tested by SGS Testing Korea

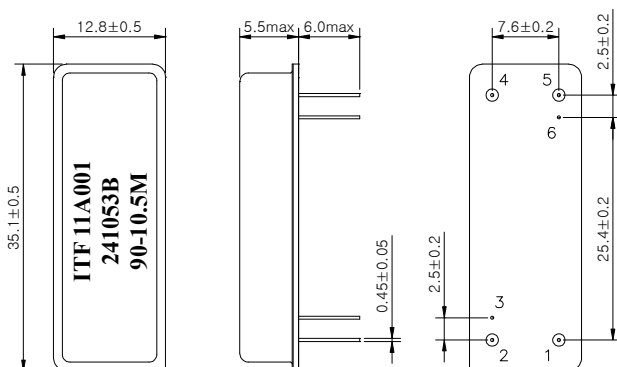
### 2. Electrical Specifications

Source and Load Impedance = 50Ω

Operating Temperature : +25°C

		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	90.0	-
Insertion Loss	dB	-	24.5	26.0
1dB Bandwidth	MHz	10.4	10.55	-
3dB Bandwidth	MHz	-	10.72	-
40dB Bandwidth	MHz	-	11.5	-
50dB Bandwidth	MHz	-	11.6	11.9
Amplitude Ripple (fo +/- 5.0 MHz)	dB	-	0.5	1.0
Group Delay Variation (fo +/- 5.0 MHz)	nsec	-	70	150
Absolute Delay	usec	-	3.49	-
Ultimate Rejection	dB	50	58	-
Input power	dBm	-	-	10
Temperature Coefficient of Frequency	ppm/°C	-72		

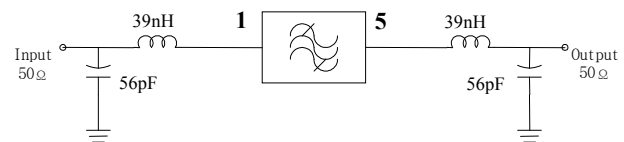
#### D3512 Package Dimension



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 )

