

### 1. Features

- Typical 2dB bandwidth of 4.11 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

**RoHS Compliant**

Tested by SGS Testing Korea

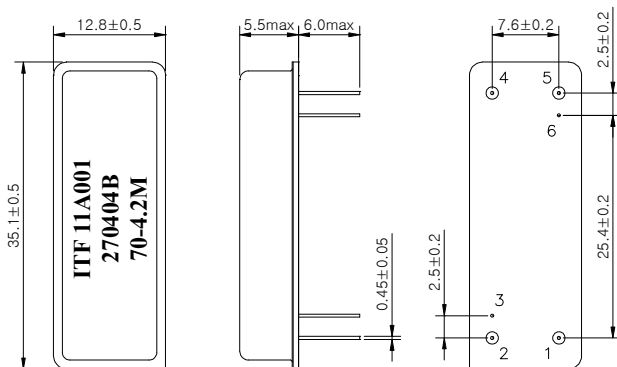
### 2. Electrical Specifications

Source and Load Impedance = 50Ω

Operating Temperature : +25°C

		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	70.0	-
Insertion Loss	dB	-	22.5	24.0
2dB Bandwidth	MHz	-	4.11	4.2
25dB Bandwidth	MHz	-	4.95	5.0
40dB Bandwidth	MHz	-	5.14	-
Amplitude Ripple (fo±1.8 MHz)	dB	-	0.45	1.0
Group Delay Variation (fo±1.8 MHz)	nsec	-	100	150
Absolute Delay	usec	-	3.85	-
Ultimate Rejection	dB	50	52	-
Temperature Coefficient of Frequency	ppm/°C	-	-18	-

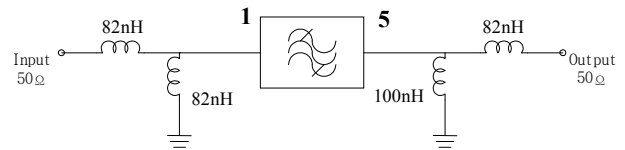
#### D3512 Package Dimension



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



#### Pin Configuration

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

### 3. Typical Performance ( at +25°C )

