

### 1. Features

- Typical 2dB bandwidth of 10.1 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

**RoHS Compliant**

Tested by SGS Testing Korea

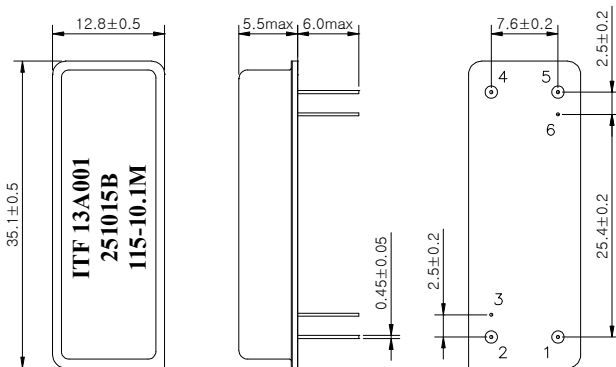
### 2. Electrical Specifications

Source and Load Impedance = 50Ω

Operating Temperature : +25°C

		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	115.0	-
Insertion Loss	dB	-	25.5	27.5
2dB Bandwidth	MHz	10.1	10.18	-
35dB Bandwidth	MHz	-	10.78	10.8
Amplitude Ripple (fo ±4.95 MHz)	dB	-	0.7	1.3
Group Delay Variation (fo ±4.95 MHz)	nsec	-	100	200
Absolute Delay	usec	-	4.41	4.6
Ultimate Rejection	dB	45	48	-
Temperature Coefficient of Frequency	ppm/°C	-18		

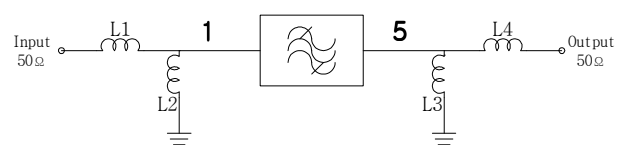
#### D3512 Package Dimension



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



**L1 = 68nH, L2 = 47, L3 = 56nH, L4 = 68nH**

#### Pin Configuration

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

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

