

### 1. Features

- Typical 1dB bandwidth of 5.0 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

**RoHS Compliant**

Tested by SGS Testing Korea

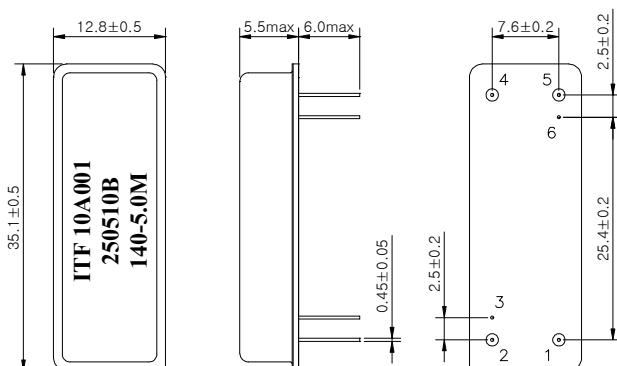
### 2. Electrical Specifications

Source and Load Impedance = 50Ω

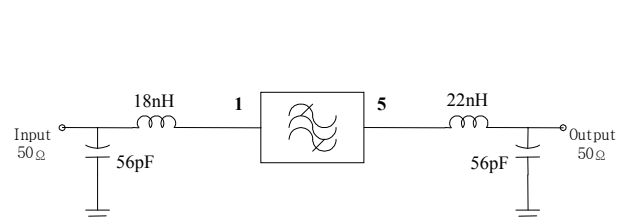
Operating Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	140.0	-
Insertion Loss	dB	-	23.0	25.0
1dB Bandwidth	MHz	4.95	5.03	-
3dB Bandwidth	MHz	-	5.2	-
40dB Bandwidth	MHz	-	5.97	6.1
Amplitude Ripple (fo ± 2.4 MHz)	dB	-	0.5	1.0
Group Delay Variation (fo ± 2.4 MHz)	nsec	-	120	250
Absolute Delay	usec	-	4.36	-
Ultimate Rejection	dB	50	52	-
Out of band gain				
@ Edge ± 400 kHz			23	
@ Edge ± 1.0 MHz			52	
Temperature Coefficient of Frequency	ppm/°C	-	-18	-

\* @Edge = Fo ± 2.5 MHz

#### D3512 Package Dimension



#### Matching Schematic



#### Pin Configuration

	1	Ground	2,4
Input			
Output	5	Others	Ground

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

