

### 1. Features

- Typical 1.5dB bandwidth of 15.12 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

**RoHS Compliant**

Tested by SGS Testing Korea

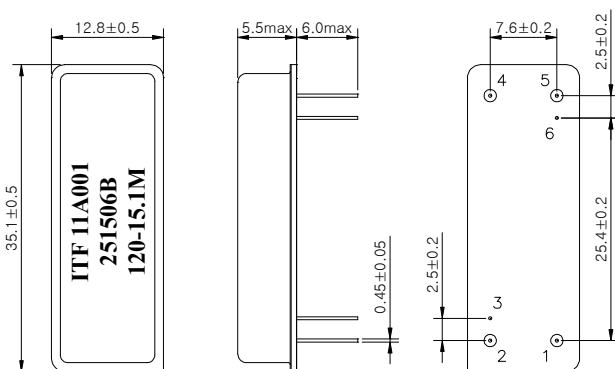
### 2. Electrical Specifications

Source and Load Impedance = 50Ω

Operating Temperature : +25°C

		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	120.0	-
Insertion Loss	dB	-	25.7	27.0
1.5dB Bandwidth	MHz	15.1	15.12	-
18dB Bandwidth	MHz	-	15.85	15.9
25dB Bandwidth	MHz	-	16.0	16.1
30dB Bandwidth	MHz	-	16.07	16.5
40dB Bandwidth	MHz	-	16.2	18.5
Amplitude Ripple (fo ± 7.3 MHz)	dB	-	0.75	1.2
Group Delay Variation (fo ± 7.3 MHz)	nsec	-	70	120
Absolute Delay	usec	-	2.79	-
Ultimate Rejection	dB	48	52	-
Temperature Coefficient of Frequency	ppm/°C	-	-86	-

#### D3512 Package Dimension



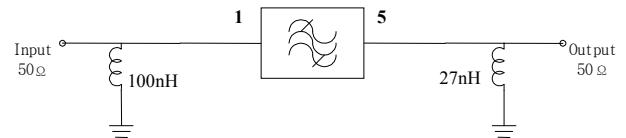
Dimensions shown are nominal in millimeters

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	1	Ground	2,4
Output	5	Others	Ground

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

