

## 1. Features

- Typical 1dB bandwidth of 9.2 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

**RoHS Compliant**

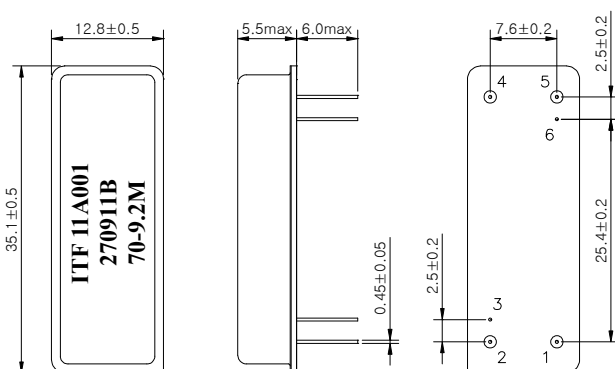
Tested by SGS Testing Korea

## 2. Electrical Specifications

Source and Load Impedance = 50Ω

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency	MHz	-	70.0	-
Insertion Loss	dB	-	20.5	22.5
1dB Bandwidth	MHz	9.1	9.2	-
3dB Bandwidth	MHz	-	9.45	-
35dB Bandwidth	MHz	-	10.28	10.4
Amplitude Ripple (Fo +/- 4.4 MHz)	dB	-	0.55	1.0
Group Delay Variation (Fo +/- 4.4 MHz)	nsec	-	85	160
Absolute Delay	usec	-	2.71	-
Relative attenuation	Fo +/- 5.2 MHz	dB	37	48
	Fo +/- 6.0 MHz	dB	50	55
	Fo +/- 10.0 MHz	dB	50	55
	Fo +/- 15.0 MHz	dB	50	55
Temperature Coefficient of Frequency	ppm/°C	-	-72	-

### D3512 Package Dimension



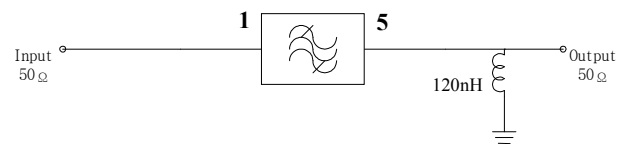
Dimensions shown are nominal in millimeters

Base : Fe(SPCC), Au plating over Ni plated

Cap : Cu & Cr Alloy, Ni Plated

Termination : Kovar, Au Plated

### Matching Schematic



### Pin Configuration

Input	1	Ground	2,4
Output	5	Others	Ground

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

