

1. Features

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

RoHS Compliant

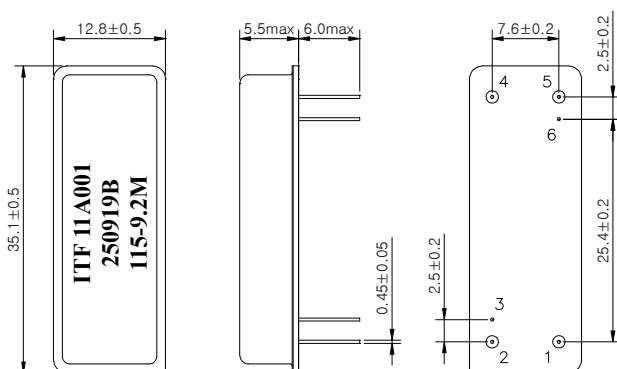
Tested by SGS Testing Korea

2. Electrical Specifications

Source and Load Impedance = 50Ω

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency	MHz	-	115.0	-
Insertion Loss	dB	-	22.8	24.0
1dB Bandwidth	MHz	9.1	9.2	-
3dB Bandwidth	MHz	-	9.42	-
35dB Bandwidth	MHz	-	10.27	10.4
Amplitude Ripple (Fo +/- 4.4 MHz)	dB	-	0.65	1.0
Group Delay Variation (Fo +/- 4.4 MHz)	nsec	-	80	150
Absolute Delay	usec	-	2.67	-
Relative attenuation	Fo +/- 5.2 MHz	dB	37	50
	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



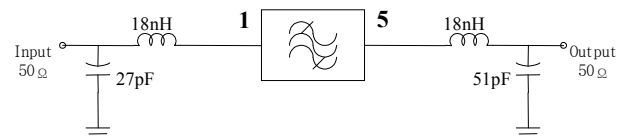
Dimensions shown are nominal in millimeters

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)

