

1. Features

- Typical 1dB bandwidth of 15.7 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

RoHS Compliant

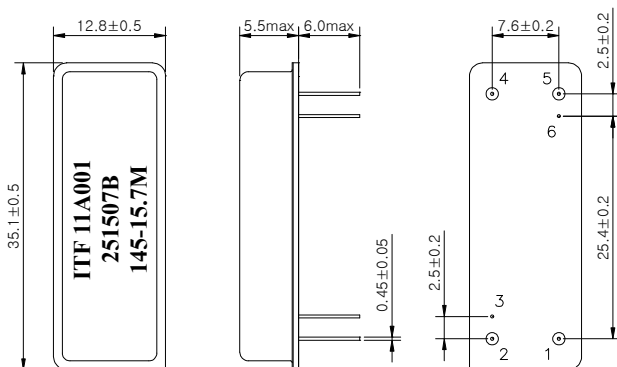
Tested by SGS Testing Korea

2. Electrical Specifications

Source and Load Impedance = 50Ω

Operating Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	145.0	-
Insertion Loss	dB	-	28.8	31.0
1dB Bandwidth	MHz	15.7	15.77	-
25dB Bandwidth	MHz	-	16.53	16.6
40dB Bandwidth	MHz	-	16.7	-
50dB Bandwidth	MHz	-	16.8	16.9
Amplitude Ripple (fo +/- 7.65 MHz)	dB	-	0.55	1.0
Group Delay Variation (fo +/- 7.65 MHz)	nsec	-	50	100
Absolute Delay	usec	-	4.34	-
Ultimate Rejection	dB	48	52	-
Temperature Coefficient of Frequency	ppm/°C	-	-18	-

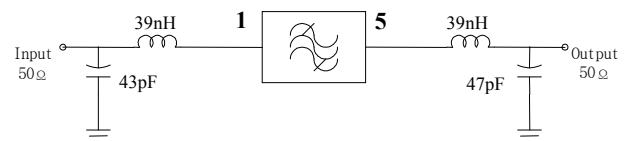
D3512 Package Dimension



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



Pin Configuration

	1	Ground	2,4
Input			
Output	5	Others	Ground

3. Typical Performance (at +25°C)

