

1. Features

- Typical 1dB bandwidth of 8.05 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

RoHS Compliant

Tested by SGS Testing Korea

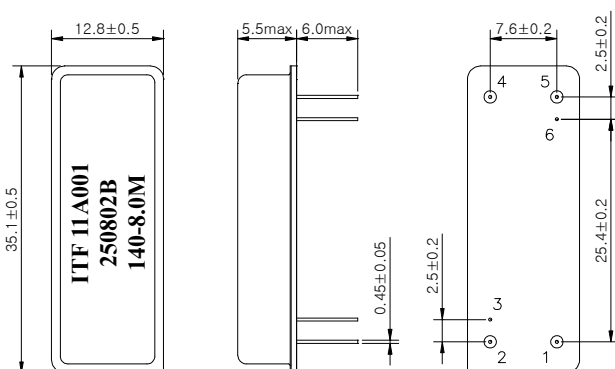
2. Electrical Specifications

Source and Load Impedance = 50Ω

Operating Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	140.0	-
Insertion Loss	dB	-	31.0	33.5
1dB Bandwidth	MHz	7.95	8.05	-
3dB Bandwidth	MHz	-	8.19	15.9
40dB Bandwidth	MHz	-	8.78	8.9
Amplitude Ripple (fo ± 3.875 MHz)	dB	-	0.55	1.0
Group Delay Variation (fo ± 3.875 MHz)	nsec	-	80	150
Absolute Delay	usec	-	4.68	4.7
Ultimate Rejection	dB	45	50	-
Out of band gain	@Edge ± 400 kHz	dB	40	-
	@Edge ± 600 kHz	dB	55	-
	@Edge ± 1.0 MHz	dB	55	-
Temperature Coefficient of Frequency	ppm/°C	-	-18	-

Edge: 8.0MHz

D3512 Package Dimension



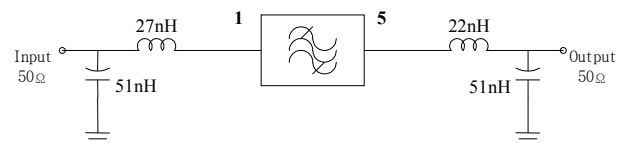
Dimensions shown are nominal in millimeters

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)

