

1. Features

- Typical 1dB bandwidth of 9.7 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

RoHS Compliant

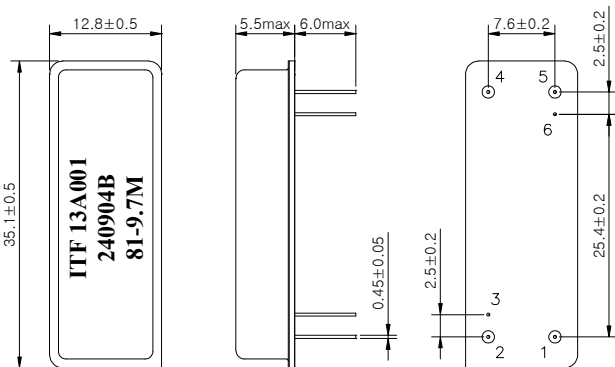
Tested by SGS Testing Korea

2. Electrical Specifications

Source and Load Impedance = 50Ω

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	81.0	-
Insertion Loss	dB	-	24.0	25.5
1dB Bandwidth	MHz	9.7	9.77	-
3dB Bandwidth	MHz	-	9.95	-
35dB Bandwidth	MHz	-	10.59	-
40dB Bandwidth	MHz	-	10.62	10.7
Amplitude Ripple(fo±4.7 MHz)	dB	-	0.6	1.2
Group Delay Variation(fo±4.7 MHz)	nsec	-	50	100
Absolute Delay	usec	-	3.72	-
Ultimate Rejection	dB	45	53	-
Temperature Coefficient of Frequency	ppm/°C	-	-84	-

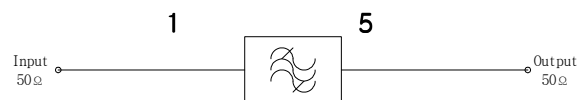
D3512 Package Dimension



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



Unmatching required

Pin Configuration

	1	Ground	2,4
Input	1	Ground	2,4
Output	5	Others	Ground

3. Typical Performance (at +25°C)

