

1. Features

- Typical 1dB bandwidth of 9.5 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

RoHS Compliant

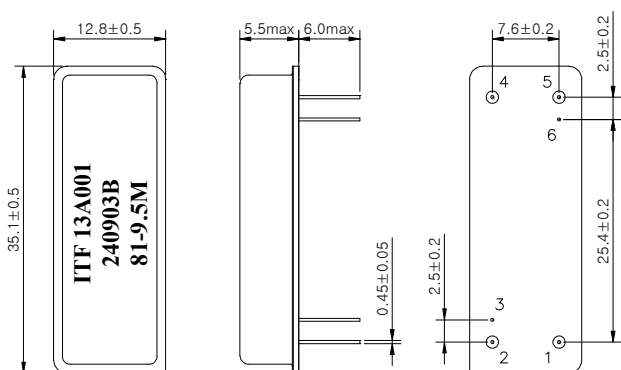
Tested by SGS Testing Korea

2. Electrical Specifications

Source and Load Impedance = 50Ω

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	81.0	-
Insertion Loss	dB	-	24.5	26.0
1dB Bandwidth	MHz	9.5	9.54	-
3dB Bandwidth	MHz	-	9.70	-
35dB Bandwidth	MHz	-	10.35	10.4
40dB Bandwidth	MHz	-	10.38	-
Amplitude Ripple(fo±4.6 MHz)	dB	-	0.75	1.2
Group Delay Variation(fo±4.6 MHz)	nsec	-	50	100
Absolute Delay	usec	-	3.74	-
Ultimate Rejection	dB	48	53	-
Temperature Coefficient of Frequency	ppm/°C	-	-84	-

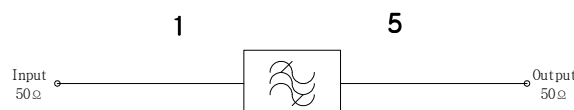
D3512 Package Dimension



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			
Input	1	Ground	2,4
Output	5	Others	Ground

3. Typical Performance (at +25°C)

