

1. Features

- Typical 1dB bandwidth of 1.6 MHz
- Single Ended Operation
- Dip Package

RoHS Compliant

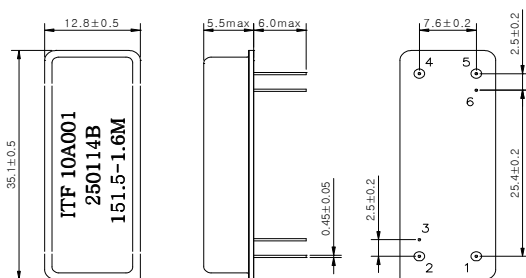
Tested by SGS Testing Korea

2. Electrical Specifications

Source and Load Impedance = 50Ω

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	151.5	-
Insertion Loss	dB	-	22.5	24.5
1dB Bandwidth	MHz	1.6	1.63	-
3dB Bandwidth	MHz	-	1.78	-
40dB Bandwidth	MHz	-	2.39	2.5
Amplitude Ripple (fo ± 0.7 MHz)	dB	-	0.4	1.0
Group Delay Variation (fo ± 0.7 MHz)	nsec	-	185	250
Absolute Delay	usec	-	4.47	-
Ultimate Rejection	dB	50	55	-
Relative Attenuation (fo+/-0.8MHz)+/- 400KHz	dB	30	38	-
(fo+/-0.8MHz)+/- 600KHz	dB	45	60	-
Temperature Coefficient of Frequency	ppm/°C ²	-	-0.03	-

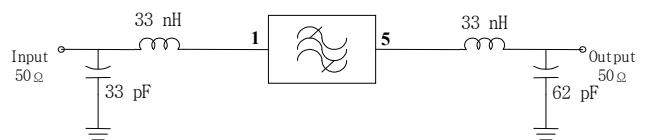
D3512 Package Dimension



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	1	Ground	2,4
Output	5	Others	Ground

3. Typical Performance (at +25°C)

