

1. Features

- Typical 1dB bandwidth of 1.8 MHz
- Single Ended Operation
- Dip Package

RoHS Compliant

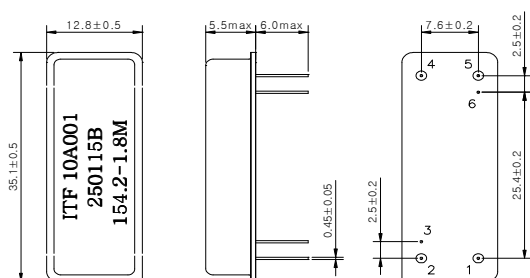
Tested by SGS Testing Korea

2. Electrical Specifications

Source and Load Impedance = 50Ω

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	154.2	-
Insertion Loss	dB	-	23.0	25.0
1dB Bandwidth	MHz	1.8	1.83	-
3dB Bandwidth	MHz	-	1.97	-
40dB Bandwidth	MHz	-	2.56	2.7
Amplitude Ripple (fo ± 0.8 MHz)	dB	-	0.45	1.0
Group Delay Variation (fo ± 0.8 MHz)	nsec	-	190	300
Absolute Delay	usec	-	4.45	-
Ultimate Rejection	dB	50	55	-
Relative Attenuation				
(fo+/-0.9MHz)+/- 400KHz	dB	30	43	-
(fo+/-0.9MHz)+/- 600KHz	dB	45	55	-
Temperature Coefficient of Frequency	ppm/°C ²	-	-0.03	-

D3512 Package Dimension



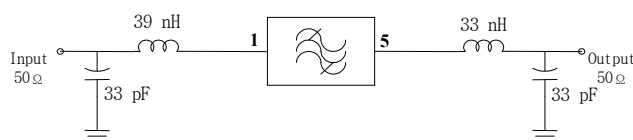
Dimensions shown are nominal in millimeters

Base : Fe(SPCC), Au plating over Ni plated

Cap : Cu & Cr Alloy, Ni Plated

Termination : Kovar, Au Plated

Matching Schematic



Pin Configuration

Input	1	Ground	2,4
Output	5	Others	Ground

3. Typical Performance (at +25°C)

