

1. Features

- Typical 1dB bandwidth of 3.4 MHz
- Single Ended Operation
- Dip Package

RoHS Compliant

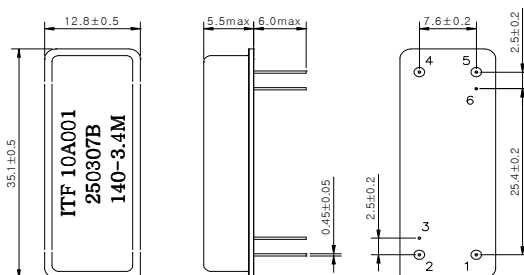
Tested by SGS Testing Korea

2. Electrical Specifications

Source and Load Impedance = 50Ω

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	140.0	-
Insertion Loss	dB	-	23.5	26.0
1dB Bandwidth	MHz	3.3	3.4	-
3dB Bandwidth	MHz	-	3.58	-
40dB Bandwidth	MHz	-	4.25	4.35
Amplitude Ripple (fo ± 1.6625 MHz)	dB	-	0.7	1.2
Group Delay Variation (fo ± 1.6625 MHz)	nsec	-	105	250
Absolute Delay	usec	-	3.62	-
Ultimate Rejection	dB	48	52	-
Temperature Coefficient of Frequency	ppm/°C ²	-	-0.03	-

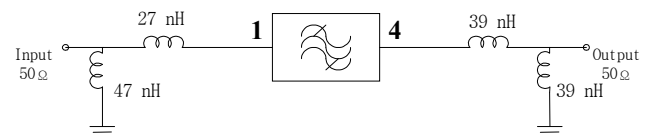
D3512 Package Dimension



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

3. Typical Performance (at +25°C)

