

1. Features

- Typical 2dB bandwidth of 4.2 MHz
- Single Ended Operation
- Dip Package

RoHS Compliant

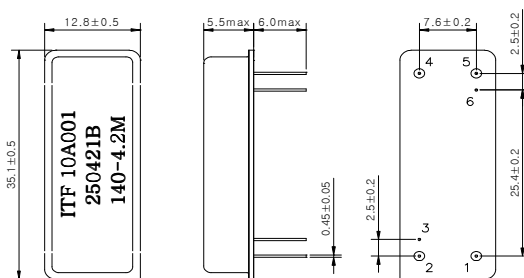
Tested by SGS Testing Korea

2. Electrical Specifications

Source and Load Impedance = 50Ω

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	140.0	-
Insertion Loss	dB	-	24.5	26.5
2dB Bandwidth	MHz	4.16	4.19	-
3dB Bandwidth	MHz	-	4.27	-
25dB Bandwidth	MHz	-	4.91	5.0
40dB Bandwidth	MHz	-	5.08	-
Amplitude Ripple (fo ± 1.9 MHz)	dB	-	0.5	1.0
Group Delay Variation (fo ± 1.9 MHz)	nsec	-	125	230
Absolute Delay	usec	-	3.08	-
Ultimate Rejection	dB	50	54	-
Temperature Coefficient of Frequency	ppm/°C ²	-	-0.03	-

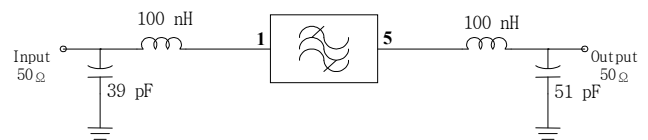
D3512 Package Dimension



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

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

3. Typical Performance (at +25°C)

