

1. Features

- Typical 1dB bandwidth of 1.3 MHz
- Single Ended Operation
- Dip Package

RoHS Compliant

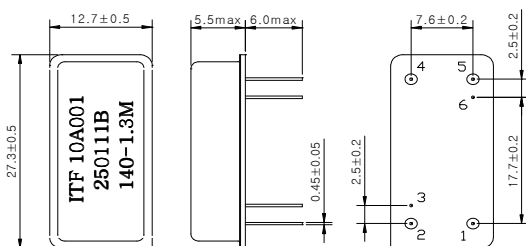
Tested by SGS Testing Korea

2. Electrical Specifications

Source and Load Impedance = 50Ω

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	140.0	-
Insertion Loss	dB	-	19.5	21.5
1dB Bandwidth	MHz	1.2	1.34	-
3dB Bandwidth	MHz	1.5	1.55	-
40dB Bandwidth	MHz	-	2.45	2.55
Amplitude Ripple (fo ± 0.5 MHz)	dB	-	0.3	0.9
Group Delay Variation (fo ± 0.5 MHz)	nsec	-	165	300
Absolute Delay	usec	-	2.94	-
Ultimate Rejection	dB	50	55	-
Temperature Coefficient of Frequency	ppm/°C ²	-	-0.03	-

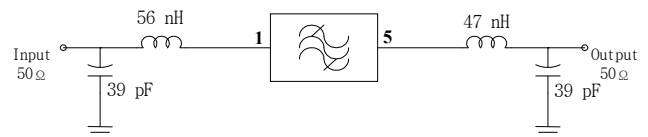
D3512 Package Dimension



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)

