

1. Features

- Typical 1dB bandwidth of 19.79 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

RoHS Compliant

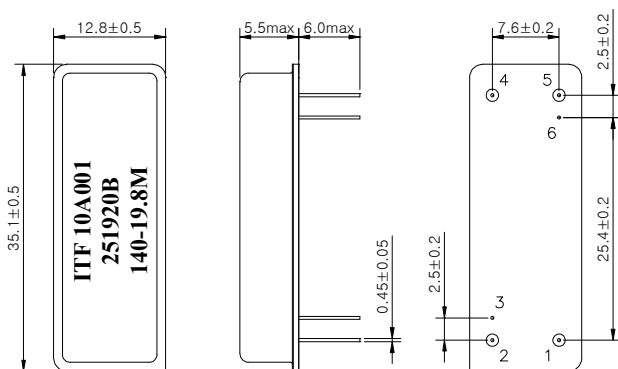
Tested by SGS Testing Korea

2. Electrical Specifications

Source and Load Impedance = 50Ω

Operating Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	140.0	-
Insertion Loss	dB	-	25.5	27.0
2dB Bandwidth	MHz	19.75	19.79	19.85
25dB Bandwidth	MHz	-	20.57	20.65
40dB Bandwidth	MHz	-	20.75	-
Amplitude Ripple (fo ± 9.65 MHz)	dB	-	0.7	1.0
Group Delay Variation (fo ± 9.65 MHz)	nsec	-	60	150
Absolute Delay	usec	-	2.92	-
Ultimate Rejection	dB	45	50	-
Temperature Coefficient of Frequency	ppm/°C	-	-84	-

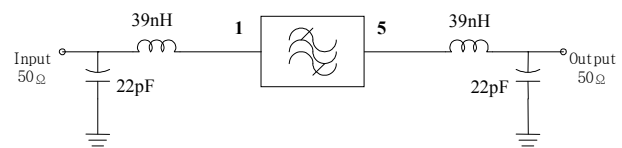
D3512 Package Dimension



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)

