

1. Features

- Typical 1dB bandwidth of 0.2 MHz
- Single Ended Operation
- Dip Package

RoHS Compliant

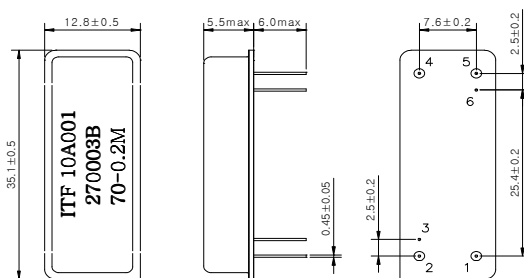
Tested by SGS Testing Korea

2. Electrical Specifications

Source and Load Impedance = 50Ω

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	70.0	-
Insertion Loss	dB	-	11.0	13.0
1dB Bandwidth	MHz	0.15	0.2	-
3dB Bandwidth	MHz	-	0.3	-
40dB Bandwidth	MHz	-	0.75	0.85
50dB Bandwidth	MHz	-	0.8	0.9
Amplitude Ripple (fo ± 0.05 MHz)	dB	-	0.2	0.5
Group Delay Variation (fo ± 0.1 MHz)	nsec	-	460	600
Absolute Delay	usec	-	3.28	-
Ultimate Rejection	dB	50	55	-
Temperature Coefficient of Frequency	ppm/°C ²	-	-0.03	-

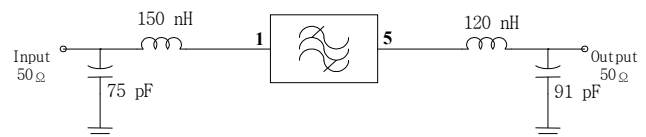
D3512 Package Dimension



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

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

3. Typical Performance (at +25°C)

