

1. Features

- Typical 1dB bandwidth of 5.9 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

RoHS Compliant

Tested by SGS Testing Korea

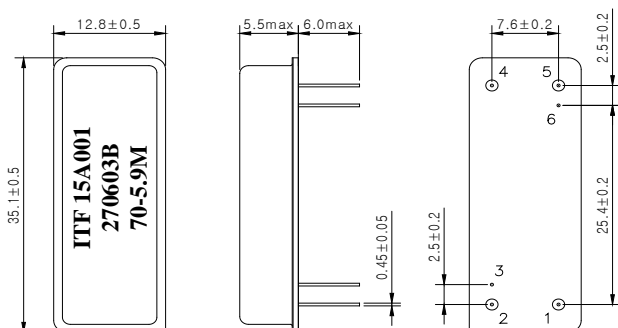
2. Electrical Specifications

Source and Load Impedance = 50

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	70.0	-
Insertion Loss	dB	-	23.0	24.5
2dB Bandwidth	MHz	-	5.9	6.0
25dB Bandwidth	MHz	-	6.75	6.8
40dB Bandwidth	MHz	-	6.95	-
Amplitude Ripple (fo ± 2.7 MHz)	dB	-	0.6	1.0
Group Delay Variation (fo ± 2.7 MHz)	nsec	-	85	120
Absolute Delay	usec	-	3.99	-
Ultimate Rejection	dB	50	55	-
Temperature Coefficient of Frequency	ppm/°C	-	-18	-

* Input POWER : +10dBm

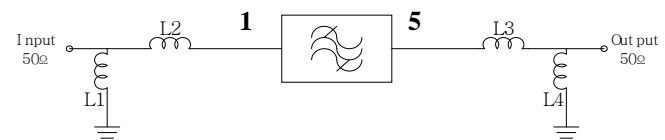
D3512 Package Dimension



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



L1 = 68nH, L2 = L3 = L4 = 56nH

Pin Configuration

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

3. Typical Performance (at +25°C)

