

1. Features

- Typical 1dB bandwidth of 2.95 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

RoHS Compliant

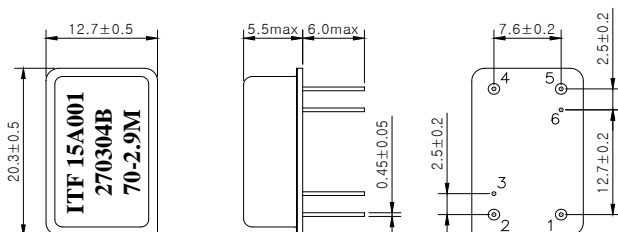
Tested by SGS Testing Korea

2. Electrical Specifications

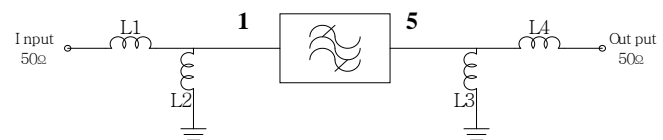
Source and Load Impedance = 50

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	70.0	-
Insertion Loss	dB	-	22.1	24.0
1dB Bandwidth	MHz	2.8	2.95	-
3dB Bandwidth	MHz	-	3.2	-
40dB Bandwidth	MHz	-	4.42	4.5
Amplitude Ripple (fo ± 1.25 MHz)	dB	-	0.4	1.0
Group Delay Variation (fo ± 1.25 MHz)	nsec	-	130	200
Absolute Delay	usec	-	2.83	-
Ultimate Rejection	dB	48	52	-
Temperature Coefficient of Frequency	ppm/°C	-	-18	-

D2012 Package Dimension



Matching Schematic



$$L1 = L4 = 180\text{nH}, L2 = L3 = 150\text{nH}$$

Pin Configuration

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

Dimensions shown are nominal in millimeters

Base : Fe(SPCC), Au plating over Ni plated
Cap : Cu & Cr Alloy, Ni Plated
Termination : Kovar, Au Plated

3. Typical Performance (at +25°C)

