

1. Features

- Typical 1dB bandwidth of 6.4 MHz
- High attenuation
- Single Ended Operation
- Surface Mounted Package (SMD)

RoHS Compliant

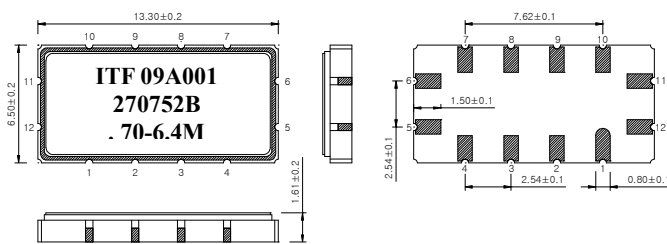
Tested by SGS Testing Korea

2. Electrical Specifications

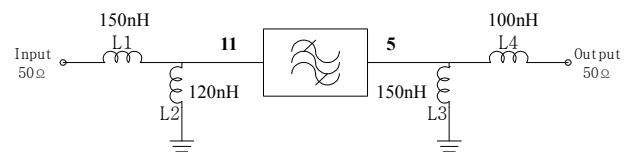
Source and Load Impedance = 50Ω

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	70.0	-
Insertion Loss	dB	-	19.0	21.5
1dB Bandwidth	MHz	6.0	6.45	-
3dB Bandwidth	MHz	-	7.0	-
40dB Bandwidth	MHz	-	9.3	9.8
Amplitude Ripple (fo ± 2.85 MHz)	dB	-	0.35	0.9
Group Delay Variation (fo ± 2.85 MHz)	nsec	-	40	70
Absolute Delay	usec	-	1.61	-
Ultimate Rejection	dB	40	45	-
Temperature Coefficient of Frequency	ppm/°C	-	-18	-

S1365 Package Dimension



Matching Schematic



Pin Configuration

Pin Configuration			
Input	11	Ground	6,12
Output	5	Others	Ground

Dimensions shown are nominal in millimeters

Body : Al₂O₃

Lid : Kovar, Ni Plated

Termination : Au plating 0.3 ~ 1.0um, over a 1.27 ~ 8.89um Ni Plating

3. Typical Performance (at +25°C)

