

1. Features

- Typical 1dB bandwidth of 29.5 MHz
- High attenuation
- Single Ended Operation
- Surface Mounted Package (SMD)

RoHS Compliant

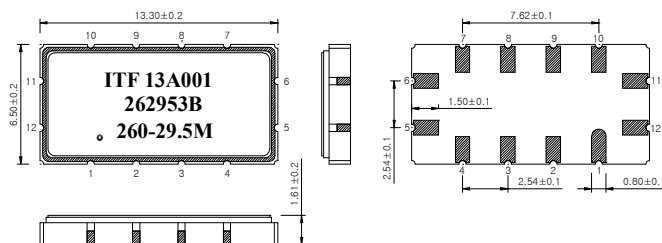
Tested by SGS Testing Korea

2. Electrical Specifications

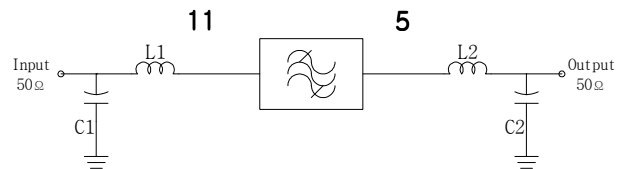
Source and Load Impedance = 50Ω

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	260.0	-
Insertion Loss	dB	-	29.5	31.0
1dB Bandwidth	MHz	29.4	29.5	-
3dB Bandwidth	MHz	-	29.95	-
40dB Bandwidth	MHz	-	31.95	32.1
Amplitude Ripple (fo ± 14.22 MHz)	dB	-	0.6	1.2
Group Delay Variation (fo ± 14.22 MHz)	nsec	-	30	70
Absolute Delay	usec	-	2.01	-
Ultimate Rejection	50dB	45	50	-
Temperature Coefficient of Frequency	ppm/°C	-18		

S1365 Package Dimension



Matching Schematic



L1 = L2 = 22nH, C1 = C2 = 27pF

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

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

3. Typical Performance (at +25°C)

