

1. Features

- Typical 1dB bandwidth of 9.4 MHz
- High attenuation
- Single Ended Operation
- Surface Mounted Package (SMD)

RoHS Compliant

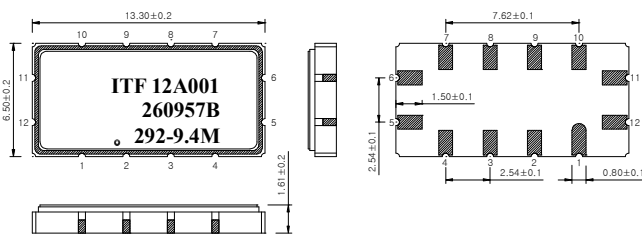
Tested by SGS Testing Korea

2. Electrical Specifications

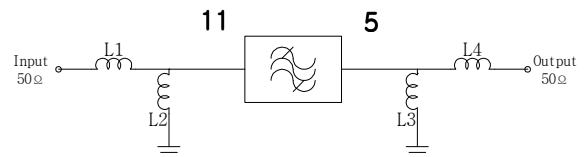
Source and Load Impedance = 50Ω

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	292.0	-
Insertion Loss	dB	-	25.0	26.5
1dB Bandwidth	MHz	9.3	9.45	-
3dB Bandwidth	MHz	-	9.81	-
20dB Bandwidth	MHz	-	10.94	11.0
40dB Bandwidth	MHz	-	11.57	-
Amplitude Ripple (fo ± 4.5 MHz)	dB	-	0.6	1.2
Group Delay Variation (fo ± 4.5 MHz)	nsec	-	55	120
Absolute Delay	usec	-	1.5	-
Ultimate Rejection	dB	40	45	-
Temperature Coefficient of Frequency	ppm/°C ²	-	-0.03	-

S1365 Package Dimension



Matching Schematic



L1 = 47nH, L2 = 33nH

L3 = 39nH, L4 = 47nH

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)

