

1. Features

- Typical 1dB bandwidth of 14.9 MHz
- High attenuation
- Single Ended Operation
- Surface Mounted Package (SMD)

RoHS Compliant

Tested by SGS Testing Korea

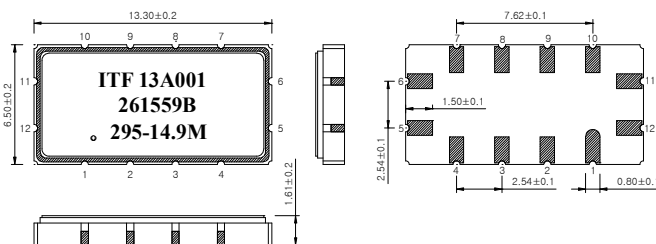
2. Electrical Specifications

Source and Load Impedance = 50Ω

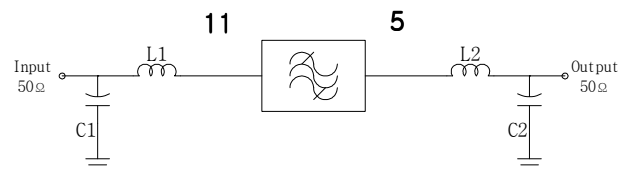
Room Temperature : +25°C

		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	295.0	-
Insertion Loss	dB	-	27.5	29.0
1dB Bandwidth	MHz	14.8	14.95	-
3dB Bandwidth	MHz	-	15.41	-
40dB Bandwidth	MHz	-	17.21	17.35
Amplitude Ripple (Fo±7.085MHz)	dB	-	0.5	1.0
Group Delay Variation (Fo±7.085MHz)	nsec	-	40	80
Absolute Delay	usec	-	2.07	-
Ultimate Rejection	dB	45	50	-
Temperature Coefficient of Frequency	ppm/°C	-	-18	-

S1365 Package Dimension



Matching Schematic



L1 = 8.2nH, L2 = 4.7nH, C1 = 33pF, 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

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

3. Typical Performance (at +25°C)

