

1. Features

- Typical 1dB bandwidth of 14.1 MHz
- High attenuation
- Single Ended Operation
- Surface Mounted Package (SMD)

RoHS Compliant

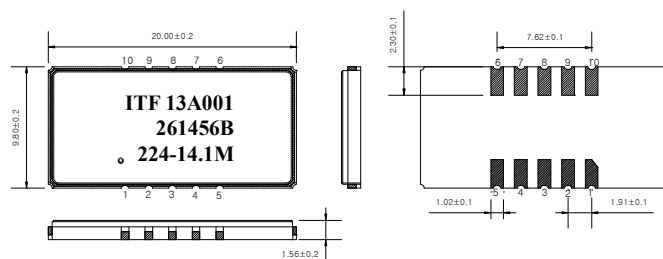
Tested by SGS Testing Korea

2. Electrical Specifications

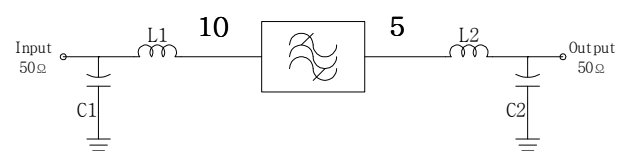
Source and Load Impedance = 50Ω

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	224.0	-
Insertion Loss	dB	-	25.0	26.5
1 dB Bandwidth	MHz	13.95	14.12	-
3dB Bandwidth	MHz	-	14.5	-
40dB Bandwidth	MHz	-	16.19	16.35
Amplitude Ripple (fo ± 6.75 MHz)	dB	-	0.55	1.0
Group Delay Variation (fo ± 6.75 MHz)	nsec	-	30	80
Absolute Delay	usec	-	2.25	2.30
Ultimate Rejection	dB	50	55	-
Maximum input Power	dBm	-	-	10
Temperature Coefficient of Frequency	ppm/°C	-18		

S2098 Package Dimension



Matching Schematic



$L1 = L2 = 22\text{nH}, C1 = C2 = 27\text{pF}$

Pin Configuration

Pin Configuration			
Input	10	Ground	1,6
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)

