

1. Features

- Typical 1dB bandwidth of 18.9 MHz
- High attenuation
- Single Ended Operation
- Surface Mounted Package (SMD)

RoHS Compliant

Tested by SGS Testing Korea

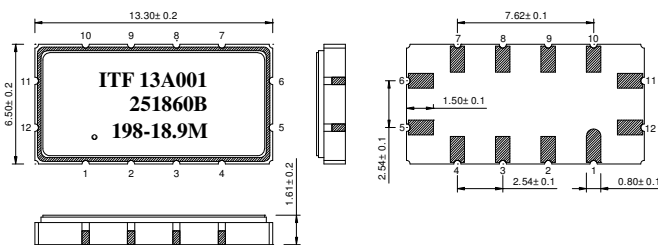
2. Electrical Specifications

Source and Load Impedance = 50Ω

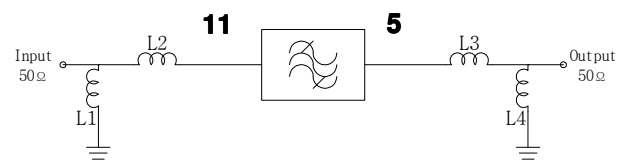
Room Temperature : +25 °C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	198.0	-
Insertion Loss	dB	-	23.5	25.0
1dB Bandwidth	MHz	18.75	18.90	-
3dB Bandwidth	MHz	-	19.36	-
40dB Bandwidth	MHz	-	21.21	21.40
Amplitude Ripple (fo ± 9.05 MHz)	dB	-	0.6	1.2
Group Delay Variation (fo ± 9.05 MHz)	nsec	-	40	80
Absolute Delay	usec	-	1.97	2.0
Ultimate Rejection	dB	45	53	-
Temperature Coefficient of Frequency	ppm/°C	-	-18	-
Relative Attenuation				
fo ± 10.4925 MHz	dBc	-	25	
fo ± 10.7425 MHz	dBc	40	50	

Input POWER : +10dBm

S1365 Package Dimension



Matching Schematic



L1 = 18nH, L2 = L3 = 3.3nH, L4 = 15nH

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

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

3. Typical Performance (at +25°C)

