

1. Features

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

RoHS Compliant

Tested by SGS Testing Korea

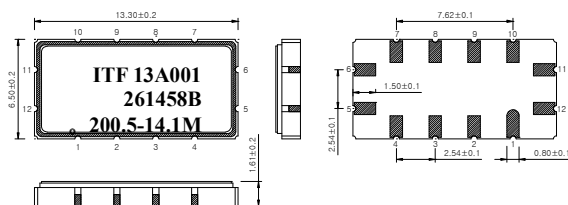
2. Electrical Specifications

Source and Load Impedance = 50Ω

Room Temperature : +25℃		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	200.5	-
Insertion Loss	dB	-	22.0	24.0
1dB Bandwidth	MHz	13.95	14.14	-
3dB Bandwidth	MHz	-	14.54	-
40dB Bandwidth	MHz	-	16.26	16.4
Amplitude Ripple (fo ± 6.85 MHz)	dB	-	0.6	1.2
Group Delay Variation (fo ± 6.85 MHz)	nsec	-	40	80
Absolute Delay	usec	-	1.98	2.0
Ultimate Rejection	dB	45	53	-
Temperature Coefficient of Frequency	ppm/℃	-	-18	-
Relative Attenuation				
fo ± 7.9925 MHz	dBc	-	25	
fo ± 8.2425 MHz	dBc	40	50	

* Input POWER : +10dBm

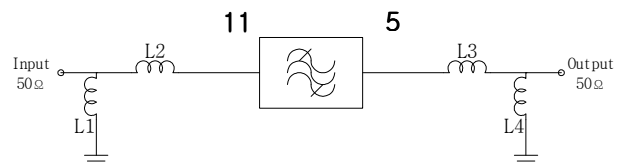
S1365 Package Dimension



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

Matching Schematic



L1 = 15nH, L2 = L3 = 1.5nH, L4 = 15nH

Pin Configuration

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

3. Typical Performance (at +25°C)

