

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

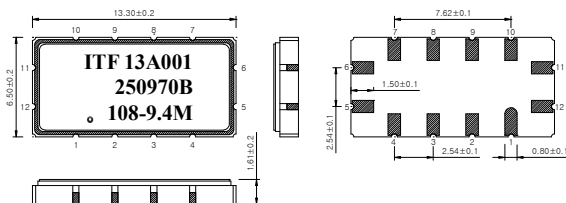
2. Electrical Specifications

Source and Load Impedance = 50Ω

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	108.0	-
Insertion Loss	dB	-	23.5	25.0
1dB Bandwidth	MHz	9.3	9.45	-
3dB Bandwidth	MHz	-	9.68	-
40dB Bandwidth	MHz	-	10.8	10.9
Amplitude Ripple (Fo±4.5075 MHz)	dB	-	0.6	1.2
Group Delay Variation (Fo±4.5075 MHz)	nsec	-	120	250
Absolute Delay	usec	-	1.7	-
Ultimate Rejection	dB	40	45	-
Temperature Coefficient of Frequency	ppm/°C	-	-18	-
Relative Attenuation				
fo ± 5.4925 MHz	dBc	40	50	-
fo ± 5.7425 MHz	dBc	-	50	-

* Input POWER : +10dBm

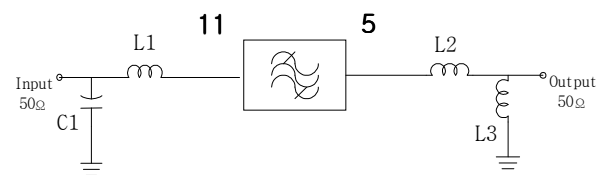
S1365 Package Dimension



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 = 68nH, L2 = 15nH, L3 = 39nH, C1 = 39pF

Pin Configuration

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

3. Typical Performance (at +25°C)

