

1. Features

- Typical 1dB bandwidth of 18.4 MHz
- High attenuation
- Single Ended Operation
- Surface Mounted Package (SMD)

RoHS Compliant

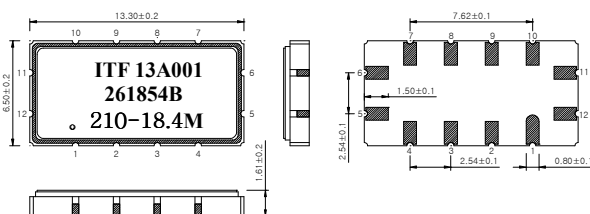
Tested by SGS Testing Korea

2. Electrical Specifications

Source and Load Impedance = 50Ω

Operating Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	210.0	-
Insertion Loss	dB	-	26.2	28.0
1 dB Bandwidth	MHz	18.30	18.44	-
3dB Bandwidth	MHz	-	18.90	-
40dB Bandwidth	MHz	-	20.86	21.0
Amplitude Ripple (fo ± 9.0 MHz)	dB	-	0.6	1.2
Group Delay Variation (fo ± 9.0 MHz)	nsec	-	30	60
Absolute Delay	usec	-	2.17	-
Ultimate Rejection	dB	45	50	-
Temperature Coefficient of Frequency	ppm/°C	-18		

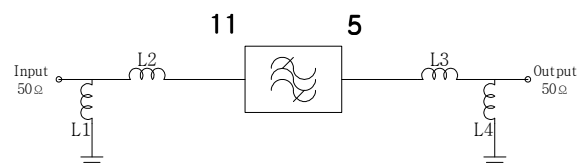
S1365 Package Dimension



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 = 12nH, L2 = 4.7nH, L3 = 2.7nH, L4 = 15nH

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

3. Typical Performance (at +25°C)

