

1. Features

- Typical 1dB bandwidth of 10.7 MHz
- High attenuation
- Single Ended Operation
- Surface Mounted Package (SMD)

RoHS Compliant

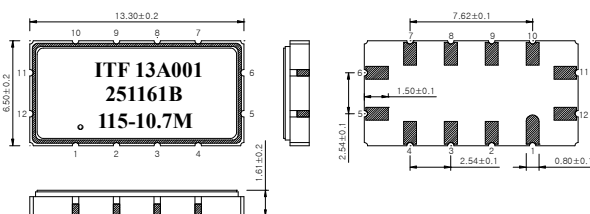
Tested by SGS Testing Korea

2. Electrical Specifications

Source and Load Impedance = 50Ω

Operating Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	115.0	-
Insertion Loss	dB	-	20.0	23.0
1 dB Bandwidth	MHz	10.60	10.78	-
3dB Bandwidth	MHz	-	11.30	-
40dB Bandwidth	MHz	-	13.35	13.50
Amplitude Ripple (fo ± 5.0 MHz)	dB	-	0.5	1.0
Group Delay Variation (fo ± 5.0 MHz)	nsec	-	50	120
Absolute Delay	usec	-	1.48	-
Ultimate Rejection	dB	48	53	-
Temperature Coefficient of Frequency	ppm/°C	-72		

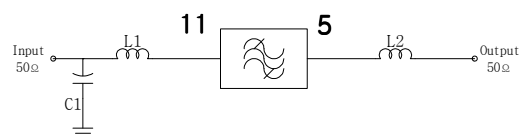
S1365 Package Dimension



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 = 33nH, L2 = 27nH, C1 = 39pF

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

3. Typical Performance (at +25°C)

