

### 1. Features

- Typical 1dB bandwidth of 15.0 MHz
- High attenuation
- Single Ended Operation
- Surface Mounted Package (SMD)

**RoHS Compliant**

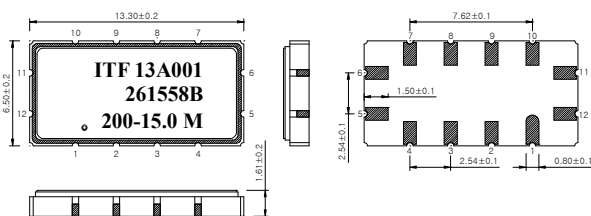
Tested by SGS Testing Korea

### 2. Electrical Specifications

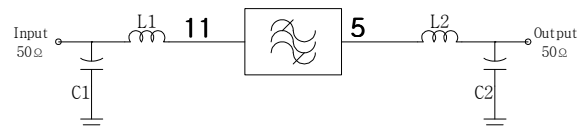
Source and Load Impedance = 50Ω

Room Temperature : +25 °C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	200.0	-
Insertion Loss	dB	-	25.5	27.0
1dB Bandwidth	MHz	14.8	15.0	-
3dB Bandwidth	MHz	-	15.41	-
40dB Bandwidth	MHz	-	17.21	17.4
Amplitude Ripple (Fo±7.085MHz)	dB	-	0.55	1.0
Group Delay Variation (Fo±7.085MHz)	nsec	-	30	60
Absolute Delay	usec	-	2.07	-
Ultimate Rejection	dB	45	50	-
Temperature Coefficient of Frequency	ppm/°C	-	-18	-

**S1365 Package Dimension**



**Matching Schematic**



**L1 = 33nH, L2 = 27nH, C1 = 30pF, C2 = 30pF**

**Pin Configuration**

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

Dimensions shown are nominal in millimeters

Body : Al<sub>2</sub>O<sub>3</sub>  
 Lid : Kovar, Ni Plated  
 Termination : Au plating 0.3 ~ 1.0um, over a 1.27 ~ 8.89um Ni Plating

**3. Typical Performance ( at +25°C )**

