

**1. Features**

- Typical 1dB bandwidth of 19.8 MHz
- High attenuation
- Single Ended Operation
- Surface Mounted Package (SMD)

**RoHS Compliant**

Tested by SGS Testing Korea

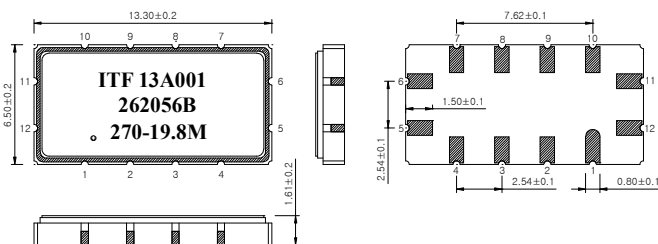
**2. Electrical Specifications**

Source and Load Impedance = 50Ω

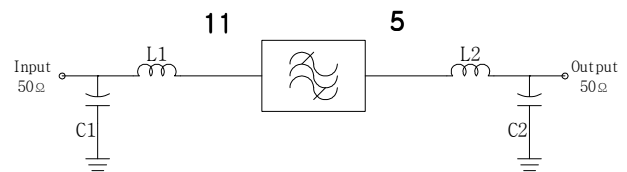
Room Temperature : +25°C

		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	270.0	-
Insertion Loss	dB	-	26.6	28.5
1dB Bandwidth	MHz	19.65	19.80	-
3dB Bandwidth	MHz	-	20.24	-
40dB Bandwidth	MHz	-	22.20	22.35
Amplitude Ripple (Fo±9.46MHz)	dB	-	0.45	1.0
Group Delay Variation (Fo±9.46MHz)	nsec	-	40	80
Absolute Delay	usec	-	2.12	-
Ultimate Rejection	dB	45	52	-
Temperature Coefficient of Frequency	ppm/°C	-	-18	-

**S1365 Package Dimension**



**Matching Schematic**



**L1 = L2 = 15nH, C1 = 27pF, C2 = 22pF**

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

**Pin Configuration**

	11	Ground	6, 12
<b>Input</b>	11	Ground	6, 12
<b>Output</b>	5	Others	Ground

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

