

## 1. Features

- Typical 1dB bandwidth of **11.8 MHz**
- High attenuation
- Single Ended Operation
- Surface Mounted Package (SMD)

**RoHS Compliant**

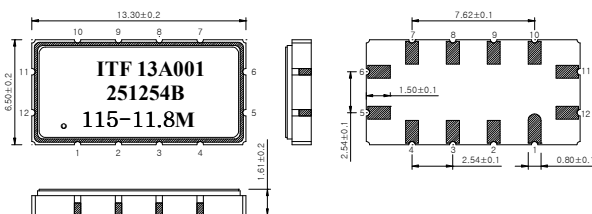
Tested by SGS Testing Korea

## 2. Electrical Specifications

Source and Load Impedance = 50Ω

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	115.0	-
Insertion Loss	dB	-	20.0	22.0
1 dB Bandwidth	MHz	11.70	11.88	-
3dB Bandwidth	MHz	-	12.37	-
40dB Bandwidth	MHz	-	14.38	14.50
Amplitude Ripple (fo ± 5.5 MHz)	dB	-	0.55	1.0
Group Delay Variation (fo ± 5.5 MHz)	nsec	-	45	100
Absolute Delay	usec	-	1.48	-
Ultimate Rejection	dB	48	53	-
Temperature Coefficient of Frequency	ppm/°C	-72		

**S1365 Package Dimension**



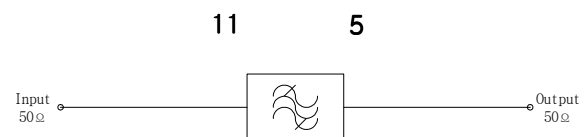
Dimensions shown are nominal in millimeters

Body : 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

**Matching Schematic**



**Pin Configuration**

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

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

