

## 1. Features

- Typical 1dB bandwidth of 9.45 MHz
- High attenuation
- Single Ended Operation
- Surface Mounted Package (SMD)

**RoHS Compliant**

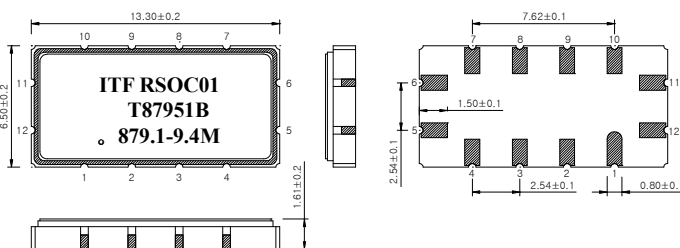
Tested by SGS Testing Korea

## 2. Electrical Specifications

Source and Load Impedance = 50Ω

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	879.1	-
Insertion Loss	dB	-	25.5	27.5
1dB Bandwidth	MHz	9.1	9.45	-
3dB Bandwidth	MHz	-	9.75	-
25dB Bandwidth		-	11.0	-
40dB Bandwidth	MHz	-	11.5	11.7
Amplitude Ripple (fo ± 4.5 MHz)	dB	-	1.0	1.5
Group Delay Variation (fo ± 4.5 MHz)	nsec	-	100	150
Absolute Delay	usec	-	1.7	-
Ultimate Rejection	dB	40	45	-
Temperature Coefficient of Frequency	ppm/°C <sup>2</sup>	-0.03		

### S1365 Package Dimension



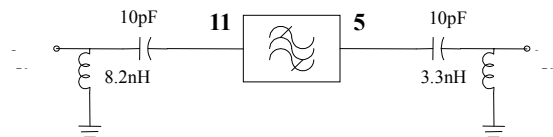
Dimensions shown are nominal in millimeters

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 Network Configuration



### Pin Configuration

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

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

