

1. Features

- Typical 1dB bandwidth of 26.3 MHz
- High attenuation
- Single Ended Operation
- Surface Mounted Package (SMD)

RoHS Compliant

Tested by SGS Testing Korea

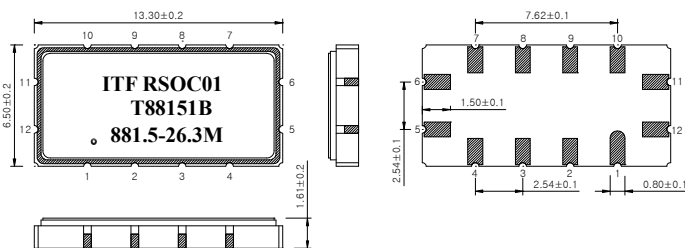
2. Electrical Specifications

Source and Load Impedance = 50Ω

Operating Temperature : +25°C

		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	881.5	-
Insertion Loss	dB	-	27.3	30.0
1dB Bandwidth	MHz	26.0	26.3	-
3dB Bandwidth	MHz	-	27.0	-
35dB Bandwidth	MHz	-	29.65	29.9
Amplitude Ripple (fo ± 12.5 MHz)	dB	-	0.7	1.5
Group Delay Variation (fo ± 12.5 MHz)	nsec	-	50	120
Absolute Delay	usec	-	1.1	-
Out of band gain	Edge ± 2.0MHz	dB	21	-
Temperature Coefficient of Frequency		ppm/°C ²		-0.03

S1365 Package Dimension



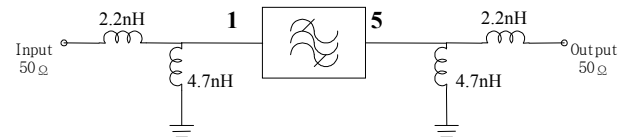
Dimensions shown are nominal in millimeters

Body : Al₂O₃

Lid : Kovar, Ni Plated

Termination : Au plating 0.3 ~ 1.0um, over a 1.27 ~ 8.89um Ni Plating

Matching Network Configuration



Pin Configuration

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

3. Typical Performance (at +25°C)

