

1. Features

- Typical 1dB bandwidth of 18.8 MHz
- High attenuation
- Single Ended Operation
- Surface Mounted Package (SMD)

RoHS Compliant

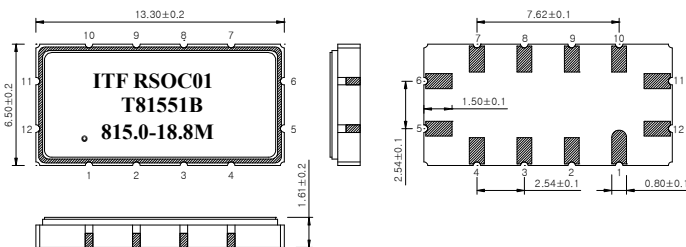
Tested by SGS Testing Korea

2. Electrical Specifications

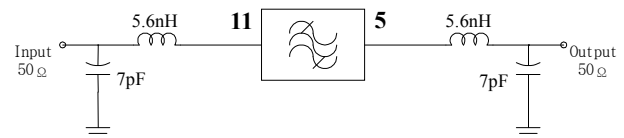
Source and Load Impedance = 50Ω

Operating Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	815.0	-
Insertion Loss	dB	-	27.0	29.0
1dB Bandwidth	MHz	18.5	18.8	-
3dB Bandwidth	MHz	-	19.35	-
35dB Bandwidth	MHz	-	21.6	-
Amplitude Ripple (fo ± 9.0 MHz)	dB	-	0.85	1.5
Group Delay Variation (fo ± 9.0 MHz)	nsec	-	80	150
Absolute Delay	usec	-	1.21	-
Out of band gain	Edge ± 2.0MHz	dB	35	42
Temperature Coefficient of Frequency		ppm/°C ²	-0.03	

S1365 Package Dimension



Matching Network Configuration



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

Pin Configuration

Input	11	Ground	6, 12
Output	5	Others	Ground

3. Typical Performance (at +25°C)

