

1. Features

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

RoHS Compliant

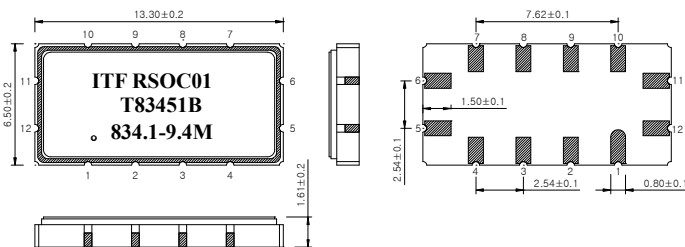
Tested by SGS Testing Korea

2. Electrical Specifications

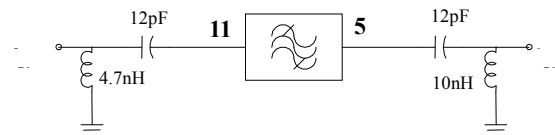
Source and Load Impedance = 50Ω

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	834.1	-
Insertion Loss	dB	-	25.5	27.5
1dB Bandwidth	MHz	9.1	9.45	-
3dB Bandwidth	MHz	-	9.75	-
25dB Bandwidth	MHz	-	11.0	-
40dB Bandwidth	MHz	-	11.4	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 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

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

3. Typical Performance (at +25°C)

