

1. Features

- Typical 1dB bandwidth of 9.7 MHz
- High attenuation
- Single Ended Operation
- Surface Mounted Package (SMD)

RoHS Compliant

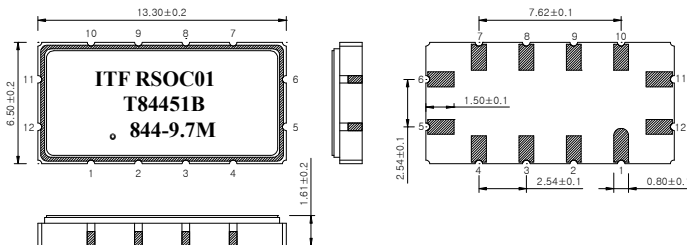
Tested by SGS Testing Korea

2. Electrical Specifications

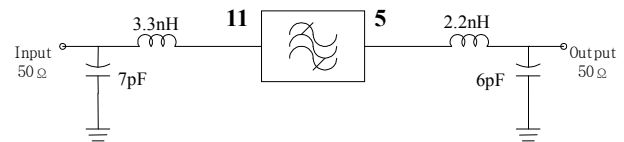
Source and Load Impedance = 50Ω

Operating Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	844.0	-
Insertion Loss	dB	-	22.3	24.5
1dB Bandwidth	MHz	9.3	9.7	-
3dB Bandwidth	MHz	-	10.25	-
40dB Bandwidth	MHz	-	12.45	12.7
Amplitude Ripple (fo ± 4.5 MHz)	dB	-	0.7	1.2
Group Delay Variation (fo ± 4.5 MHz)	nsec	-	55	120
Absolute Delay	usec	-	1.33	-
Ultimate Rejection	dB	40	50	-
Out of band gain	Edge ± 1.5MHz	dB	26	-
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)

