

1. Features

- Typical 1dB bandwidth of 6.75 MHz
- High attenuation
- Single Ended Operation
- Surface Mounted Package (SMD)

RoHS Compliant

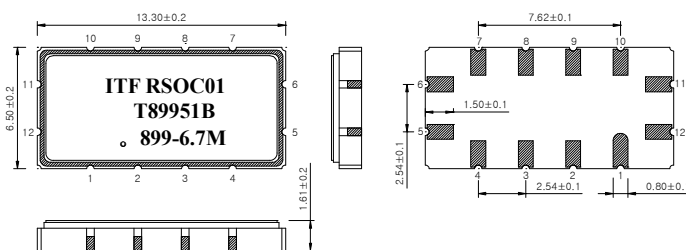
Tested by SGS Testing Korea

2. Electrical Specifications

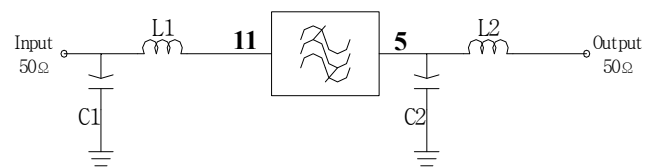
Source and Load Impedance = 50Ω

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	899.0	-
Insertion Loss	dB	-	22.0	24.0
1dB Bandwidth	MHz	6.5	6.75	-
3dB Bandwidth	MHz	-	7.3	-
35dB Bandwidth	MHz	-	9.5	9.9
Amplitude Ripple (fo ± 3.0 MHz)	dB	-	0.75	1.3
Group Delay Variation (fo ± 3.0 MHz)	nsec	-	50	150
Absolute Delay	usec	-	1.26	-
Out of band gain	Edge ± 2.0 MHz	dB	35	45
Temperature Coefficient of Frequency		ppm/°C²	-0.03	

S1365 Package Dimension



Matching Network Configuration



C1 = 5pF, L1 = L2 = 1.8nH, C2 = 4pF

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

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

3. Typical Performance (at +25°C)

