

1. Features

- Typical 1dB bandwidth of 18.1 MHz
- Low-Loss Filter
- Single Ended Operation
- Surface Mounted Package (SMD)

RoHS Compliant

Tested by SGS Testing Korea

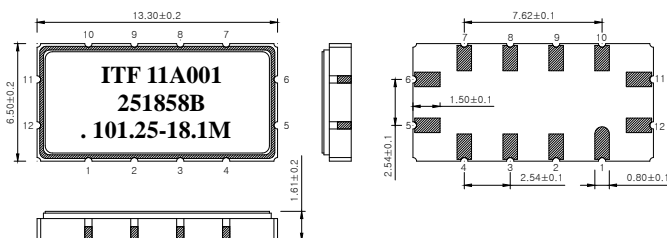
2. Electrical Specifications

Source and Load Impedance = 50

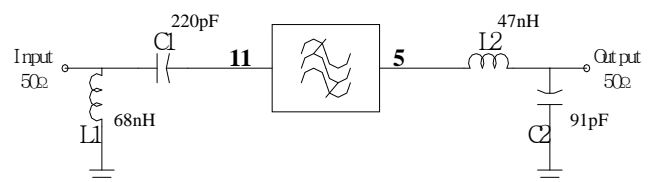
Room Temperature : +25°C

		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	101.25	-
Insertion Loss	dB	-	12.0	14.5
1dB Bandwidth	MHz	17.6	18.1	-
3dB Bandwidth	MHz	-	18.8	-
40dB Bandwidth	MHz	-	22.45	23.0
Amplitude Ripple (fo ± 8.25 MHz)	dB	-	0.4	1.0
Group Delay Variation (fo ± 8.25 MHz)	nsec	-	45	80
Absolute Delay	usec	-	0.98	1.0
Ultimate Rejection	dB	40	46	-
Temperature Coefficient of Frequency	ppm/°C	-	-86	-

S1365 Package Dimension



Matching Schematic



Pin Configuration

	11	Ground	6, 12
Input			
Output	5	Others	Ground

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

3. Typical Performance (at +25)

