

1. Features

- Typical 1dB bandwidth of 0.34 MHz
- High attenuation
- Single Ended Operation
- Surface Mounted Package (SMD)

RoHS Compliant

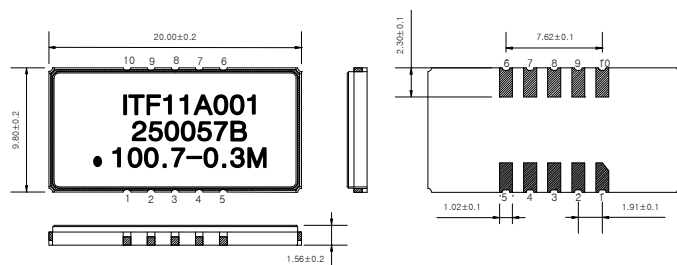
Tested by SGS Testing Korea

2. Electrical Specifications

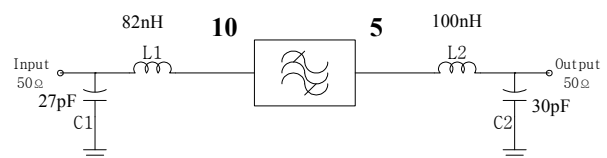
Source and Load Impedance = 50Ω

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	100.7	-
Insertion Loss	dB	-	14.6	16.5
1dB Bandwidth	MHz	0.2	0.34	-
3dB Bandwidth	MHz	-	0.52	-
40dB Bandwidth	MHz	-	1.46	1.6
Amplitude Ripple (fo ± 0.1 MHz)	dB	-	0.18	1.0
Group Delay Variation (fo ± 0.1 MHz)	nsec	-	290	500
Absolute Delay	usec	-	2.2	-
Ultimate Rejection	dB	50	58	-
Temperature Coefficient of Frequency	ppm/°C ²	-	-0.03	-

S2098 Package Dimension



Matching Schematic



Pin Configuration

	10	5	1,6
Input	10	Ground	1,6
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°C)

