

1. Features

- Typical 1dB bandwidth of 16.65MHz
- High attenuation
- Single Ended Operation
- SMD Package

RoHS Compliant

Tested by SGS Testing Korea

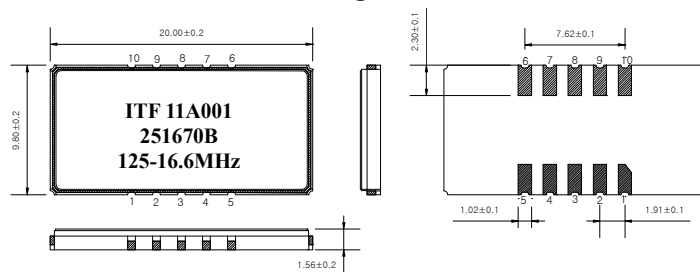
2. Electrical Specifications

Source and Load Impedance = 50Ω

Operating Temperature : -30°C ~ +80°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	125.0	-
Insertion Loss	dB	-	21.5	24.0
1 dB Bandwidth	MHz	16.4	16.65	-
3dB Bandwidth	MHz	-	17.0	-
40dB Bandwidth	MHz	-	18.6	18.8
Amplitude Ripple (fo ± 7.5 MHz)	dB	-	0.65	1.0
Group Delay Variation (fo ± 7.5 MHz)	nsec	-	40	100
Absolute Delay	usec	-	1.76	-
Ultimate Rejection	dB	50	55	-
Temperature Coefficient of Frequency	ppm/°C	-72		

Room Temperature : +25°C		Minimum	Typical	Maximum
Insertion Loss	dB	-	21.5	24.0
Amplitude Ripple (fo ± 8.0 MHz)	dB	-	0.65	1.0
Group Delay Variation (fo ± 8.0 MHz)	nsec	-	40	100

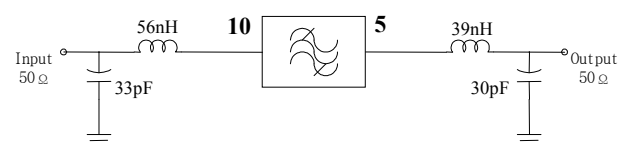
S2098 Package Dimension



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

Matching Schematic



Pin Configuration			
Input	10	Ground	1,4
Output	5	Others	Ground

3. Typical Performance (at +25°C)

