

1. Features

- Typical 1dB bandwidth of 16.25 MHz
- High attenuation
- Single Ended Operation
- Surface Mounted Package (SMD)

RoHS Compliant

Tested by SGS Testing Korea

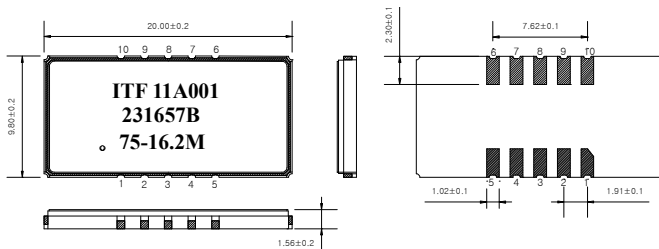
2. Electrical Specifications

Source and Load Impedance = 50Ω

Operating Temperature : -30°C ~ +80°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	75.0	-
Insertion Loss	dB	-	22.0	24.0
1 dB Bandwidth	MHz	16.0	16.25	-
3dB Bandwidth	MHz	-	16.65	-
40dB Bandwidth	MHz	-	18.43	18.6
Amplitude Ripple (fo ± 7.5 MHz)	dB	-	0.75	1.0
Group Delay Variation (fo ± 7.5 MHz)	nsec	-	40	80
Absolute Delay	usec	-	1.77	-
Ultimate Rejection	dB	50	53	-
Temperature Coefficient of Frequency	ppm/°C	-72		

Room Temperature : +25°C		Minimum	Typical	Maximum
Insertion Loss	dB	-	22.0	24.0
Amplitude Ripple (fo ± 7.8 MHz)	dB	-	0.75	1.0
Group Delay Variation (fo ± 7.8 MHz)	nsec	-	40	80

S2098 Package Dimension



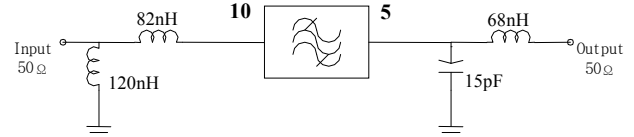
Dimensions shown are nominal in millimeters

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)

