

1. Features

- Typical 1dB bandwidth of 15.85 MHz
- High attenuation
- Single Ended Operation
- Surface Mounted Package (SMD)

RoHS Compliant

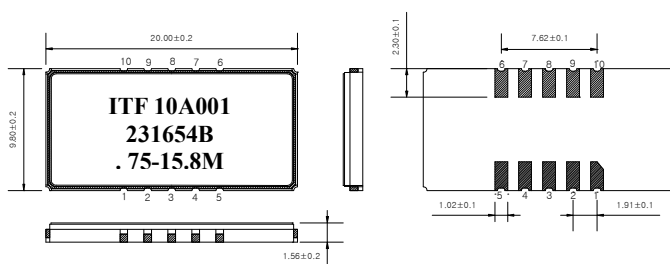
Tested by SGS Testing Korea

2. Electrical Specifications

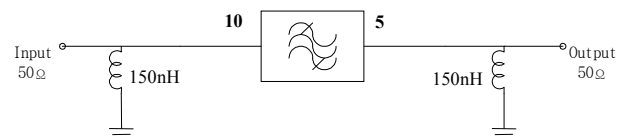
Source and Load Impedance = 50Ω

Operating Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	75.0	-
Insertion Loss	dB	-	24.8	26.0
1dB Bandwidth	MHz	15.7	15.85	-
3dB Bandwidth	MHz	-	16.15	-
40dB Bandwidth	MHz	-	17.45	17.6
Amplitude Ripple (fo ± 7.66 MHz)	dB	-	0.45	1.0
Group Delay Variation (fo ± 7.66 MHz)	nsec	-	40	80
Absolute Delay	usec	-	2.25	-
Ultimate Rejection	dB	50	55	-
Temperature Coefficient of Frequency	ppm/°C	-	-72	-

S2098 Package Dimension



Matching Schematic



Pin Configuration

Pin Configuration			
Input	10	Ground	1,4
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)

