

1. Features

- Typical 1dB bandwidth of 29.6 MHz
- High attenuation
- Single Ended Operation
- Surface Mounted Package (SMD)

RoHS Compliant

Tested by SGS Testing Korea

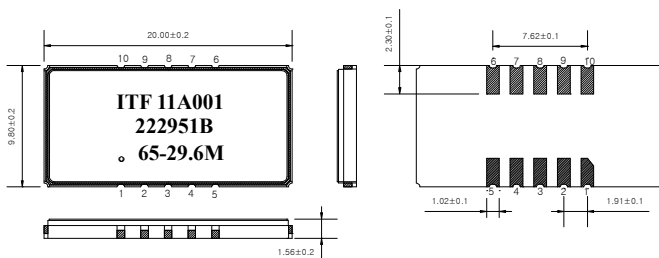
2. Electrical Specifications

Source and Load Impedance = 50Ω

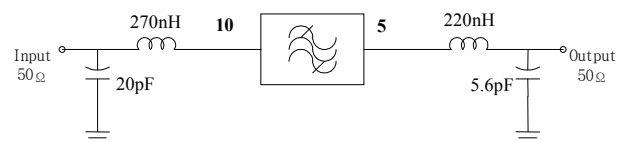
Operating Temperature : -20℃ ~ +70℃		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	65.0	-
Insertion Loss	dB	-	28.5	30.0
1dB Bandwidth	MHz	29.4	29.61	-
3dB Bandwidth	MHz	-	29.9	-
40dB Bandwidth	MHz	-	31.18	31.4
Amplitude Ripple (fo ± 14.32 MHz)	dB	-	0.5	1.2
Group Delay Variation (fo ± 14.32 MHz)	nsec	-	25	60
Absolute Delay	usec	-	2.44	-
Ultimate Rejection	dB	42	48	-
Temperature Coefficient of Frequency	ppm/℃	-	-72	-

Room Temperature : +25℃		Minimum	Typical	Maximum
Insertion Loss	MHz	-	28.5	30.0
Amplitude Ripple (fo ± 14.53 MHz)	dB	-	0.5	1.2
Group Delay Variation (fo ± 14.53 MHz)	nsec	-	25	60

S2098 Package Dimension



Matching Schematic



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

Pin Configuration

Pin Configuration			
Input	10	Ground	1,6
Output	5	Others	Ground

3. Typical Performance (at +25°C)

