

1. Features

- Typical 1dB bandwidth of 16.2 MHz
- High attenuation
- Single Ended Operation
- Surface Mounted Package (SMD)

RoHS Compliant

Tested by SGS Testing Korea

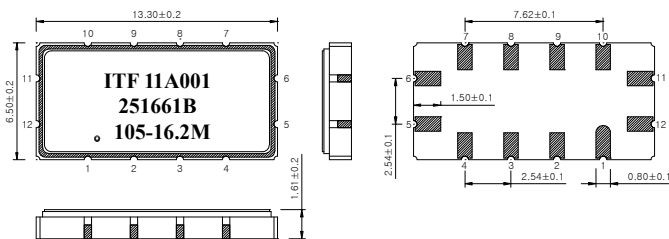
2. Electrical Specifications

Source and Load Impedance = 50Ω

Operating Temperature: -10°C ~ +60°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	105.0	-
Insertion Loss	dB	-	24.0	25.5
1dB Bandwidth	MHz	16.05	16.15	-
3dB Bandwidth	MHz	-	16.65	-
40dB Bandwidth	MHz	-	18.64	18.8
Amplitude Ripple (fo ± 7.5 MHz)	dB	-	0.4	1.0
Group Delay Variation (fo ± 7.5 MHz)	nsec	-	20	80
Absolute Delay	usec	-	1.56	-
Ultimate Rejection	dBc	48	52	-
Temperature Coefficient of Frequency	ppm/°C	-	-72	-

Room Temperature : +25°C		Minimum	Typical	Maximum
Insertion Loss	dB	-	24.0	25.5
Amplitude Ripple (fo ± 7.765 MHz)	dB	-	0.4	1.0
Group Delay Variation (fo ± 7.765 MHz)	nsec	-	20	80

S1365 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



Input	11	Ground	12, 6
Output	5	Others	Ground

3. Typical Performance (at +25°C)

