

1. Features

- Typical 1dB bandwidth of 15.62 MHz
- High attenuation
- Single Ended Operation
- Surface Mounted Package (SMD)

RoHS Compliant

Tested by SGS Testing Korea

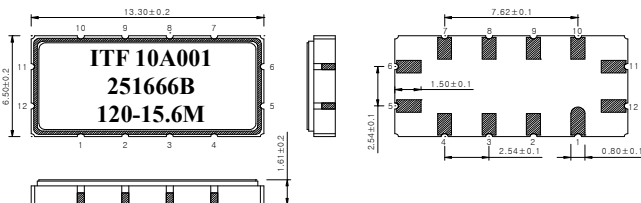
2. Electrical Specifications

Source and Load Impedance = 50Ω

Operating Temperature : +25°C

		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	119.9	120.0	120.1
Insertion Loss	dB	-	22.2	24.0
1dB Bandwidth	MHz	15.45	15.62	-
3dB Bandwidth	MHz	-	16.05	-
40dB Bandwidth	MHz	-	17.93	18.1
Amplitude Ripple (fo ± 7.47 MHz)	dB	-	0.5	1.0
Group Delay Variation (fo ± 7.47 MHz)	nsec	-	35	80
Absolute Delay	usec	-	1.55	-
Ultimate Rejection	dB	48	52	-
Relative attenuation @Edge ±1.6MHz	dB	40	52	-
Temperature Coefficient of Frequency	ppm/°C	-	-72	-

S1365 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	11	Ground	6,12
Output	5	Others	Ground

3. Typical Performance (at +25°C)

