

1. Features

- Typical 1dB bandwidth of 18.2 MHz
- High attenuation
- Single Ended Operation
- Surface Mounted Package (SMD)

RoHS Compliant

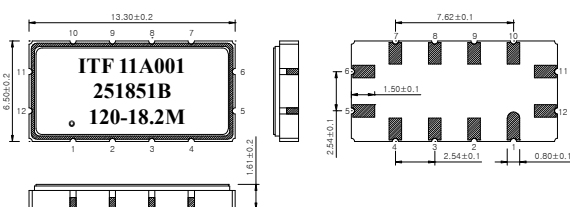
Tested by SGS Testing Korea

2. Electrical Specifications

Source and Load Impedance = 50Ω

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	120.0	-
Insertion Loss	dB	-	24.0	25.5
1dB Bandwidth	MHz	18.05	18.2	-
3dB Bandwidth	MHz	-	18.7	-
40dB Bandwidth	MHz	-	20.65	20.85
Amplitude Ripple (fo ± 8.77 MHz)	dB	-	0.5	1.0
Group Delay Variation (fo ± 8.77 MHz)	nsec	-	35	80
Absolute Delay	usec	-	1.55	-
Ultimate Rejection	dB	50	55	-
Temperature Coefficient of Frequency	ppm/°C	-	-72	-

S1365 Package Dimension



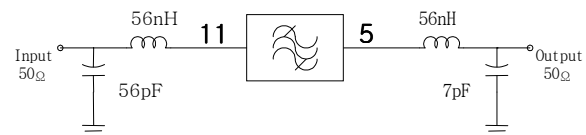
Dimensions shown are nominal in millimeters

Body : Al₂O₃

Lid : Kovar, Ni Plated

Termination : Au plating 0.3 ~ 1.0um, over a 1.27 ~ 8.89um Ni Plating

Matching Schematic



Pin Configuration

Pin Configuration			
Input	11	Ground	6,12
Output	5	Others	Ground

3. Typical Performance (at +25°C)

