

### 1. Features

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

**RoHS Compliant**

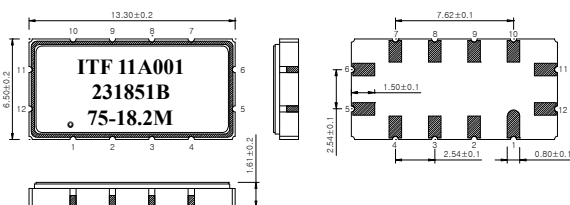
Tested by SGS Testing Korea

### 2. Electrical Specifications

Source and Load Impedance = 50Ω

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	75.0	-
Insertion Loss	dB	-	25.0	26.5
1dB Bandwidth	MHz	18.05	18.23	-
3dB Bandwidth	MHz	-	18.73	-
40dB Bandwidth	MHz	-	20.66	20.85
Amplitude Ripple (fo ± 8.77 MHz)	dB	-	0.5	1.0
Group Delay Variation (fo ± 8.77 MHz)	nsec	-	30	80
Absolute Delay	usec	-	1.62	-
Ultimate Rejection	dB	45	48	-
Temperature Coefficient of Frequency	ppm/°C	-	-72	-

**S1365 Package Dimension**



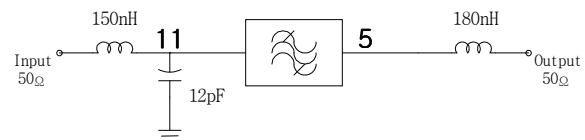
Dimensions shown are nominal in millimeters

Body : Al<sub>2</sub>O<sub>3</sub>

Lid : Kovar, Ni Plated

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

**Matching Schematic**



<b>Input</b>	11	<b>Ground</b>	6,12
<b>Output</b>	5	<b>Others</b>	<b>Ground</b>

### 3. Typical Performance ( at +25°C )

