

### 1. Features

- Typical 1dB bandwidth of 19.7 MHz
- High attenuation
- Single Ended Operation
- Surface Mounted Package (SMD)

**RoHS Compliant**

Tested by SGS Testing Korea

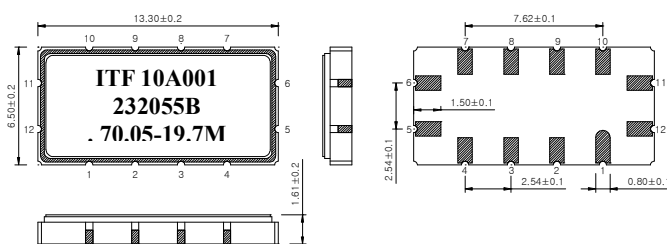
### 2. Electrical Specifications

Source and Load Impedance = 50Ω

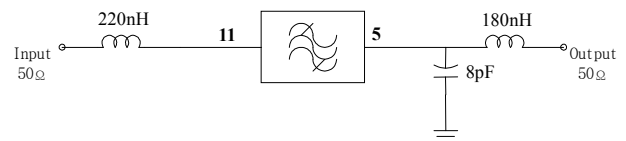
Operating Temperature : +25°C

		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	70.05	-
Insertion Loss	dB	-	24.0	25.5
1dB Bandwidth	MHz	19.6	19.76	-
3dB Bandwidth	MHz	-	20.2	-
40dB Bandwidth	MHz	-	22.05	22.2
Amplitude Ripple (fo ± 9.65 MHz)	dB	-	0.6	1.0
Group Delay Variation (fo ± 9.65 MHz)	nsec	-	45	80
Absolute Delay	usec	-	1.72	-
Ultimate Rejection	dB	42	48	-
Temperature Coefficient of Frequency	ppm/°C	-	-72	-

**S1365 Package Dimension**



**Matching Schematic**



**Pin Configuration**

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

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

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

