

### 1. Features

- Typical 1dB bandwidth of 5.25 MHz
- High attenuation
- Single Ended Operation
- Surface Mounted Package (SMD)

**RoHS Compliant**

Tested by SGS Testing Korea

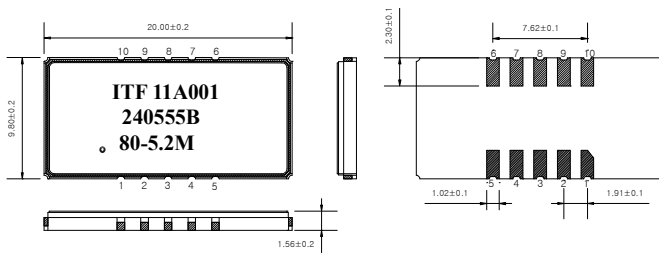
### 2. Electrical Specifications

Source and Load Impedance = 50Ω

Operating Temperature : +25°C

		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	80.0	-
Insertion Loss	dB	-	18.3	20.0
1dB Bandwidth	MHz	5.15	5.25	-
3dB Bandwidth	MHz	-	5.55	-
40dB Bandwidth	MHz	-	6.75	6.9
Amplitude Ripple (fo ± 2.4 MHz)	dB	-	0.5	1.0
Group Delay Variation (fo ± 2.4 MHz)	nsec	-	120	200
Absolute Delay	usec	-	2.33	-
Ultimate Rejection	dB	50	55	-
Temperature Coefficient of Frequency	ppm/°C	-72		

#### S2098 Package Dimension



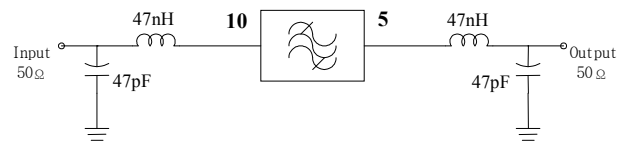
Dimensions shown are nominal in millimeters

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



#### Pin Configuration

Input	10	Ground	1,4
Output	5	Others	Ground

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

