

### 1. Features

- Typical 1dB bandwidth of 9.3 MHz
- High attenuation
- Single Ended Operation
- Surface Mounted Package (SMD)

**RoHS Compliant**

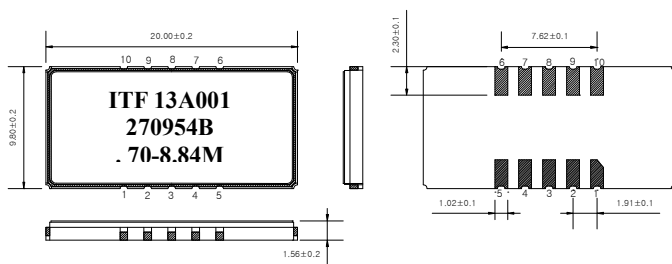
Tested by SGS Testing Korea

### 2. Electrical Specifications

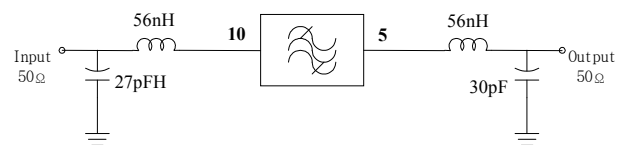
Source and Load Impedance = 50Ω

Operating Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	70.0	-
Insertion Loss	dB	-	21.7	23.0
1dB Bandwidth	MHz	9.2	9.34	-
3dB Bandwidth	MHz	-	9.6	-
40dB Bandwidth	MHz	-	10.75	10.9
Amplitude Ripple (fo ± 4.55 MHz)	dB	-	0.55	1.0
Group Delay Variation (fo ± 4.55 MHz)	nsec	-	60	80
Absolute Delay	usec	-	2.49	-
Ultimate Rejection	dB	50	55	-
Temperature Coefficient of Frequency	ppm/°C	-	-72	-

**S2098 Package Dimension**



**Matching Schematic**



**Pin Configuration**

Input	10	Ground	1,4
Output	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 )

