

1. Features

- Typical 1dB bandwidth of 2.3 MHz
- High attenuation
- Single Ended Operation
- Surface Mounted Package (SMD)

RoHS Compliant

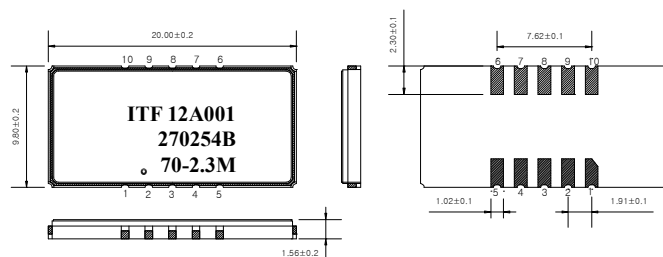
Tested by SGS Testing Korea

2. Electrical Specifications

Source and Load Impedance = 50Ω

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	70.0	-
Insertion Loss	dB	-	23.5	25.5
1dB Bandwidth	MHz	2.2	2.37	-
3dB Bandwidth	MHz	-	2.6	-
40dB Bandwidth	MHz	-	3.6	3.75
Amplitude Ripple (fo ± 1.0 MHz)	dB	-	0.5	1.0
Group Delay Variation (fo ± 1.0 MHz)	nsec	-	100	200
Absolute Delay	usec	-	2.45	-
Ultimate Rejection	dB	43	48	-
Temperature Coefficient of Frequency	ppm/°C ²	-	-0.03	-

S2098 Package Dimension



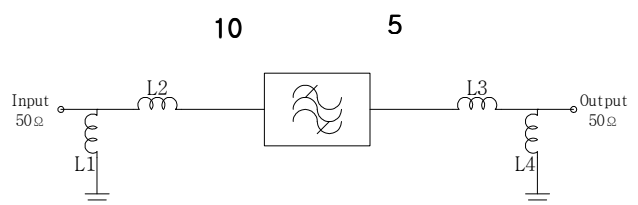
Dimensions shown are nominal in millimeters

Body : Al₂O₃

Lid : Kovar, Ni Plated

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

Matching Schematic



L1 = 120nH, L2 = 270nH, L3 = 270nH, L4 = 120nH

Pin Configuration			
Input	10	Ground	1,6
Output	5	Others	Ground

3. Typical Performance (at +25°C)

