

1. Features

- Typical 1dB bandwidth of 20.24 MHz
- High attenuation
- Single Ended Operation
- Ceramic Surface Mount Device(SMD) Package
- RoHS/RoHS2 Compliant

RoHS Compliant

Tested by SGS Testing Korea

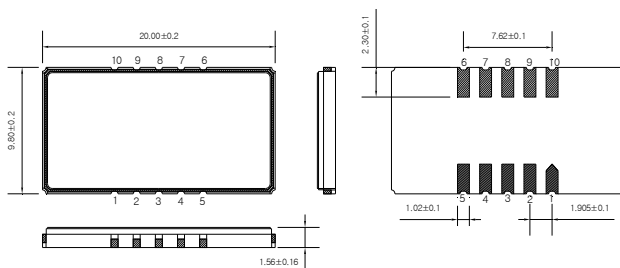
2. Electrical Specifications

Source and Load Impedance = 50Ω

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	260.0	-
Insertion Loss	dB	-	27.3	30.0
1dB Bandwidth	MHz	-	20.24	-
3dB Bandwidth	MHz	20.3	20.5	-
40dB Bandwidth	MHz	-	21.7	22.0
Amplitude Ripple (fo ± 9.8 MHz)	dB	-	0.7	1.5
Group Delay Variation (fo ± 9.8 MHz)	nsec	-	50	100
Absolute Delay	usec	-	3.0	-
Ultimate Rejection	dB	45	50	-
Temperature Coefficient of Frequency	ppm/°C	-	-18	-

* Input POWER : +10dBm

S2098 Package Dimension



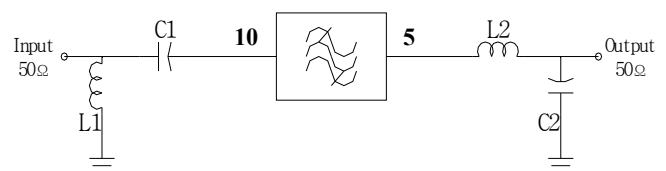
Dimensions shown are nominal in millimeters

Body : Al₂O₃

Lid : Kovar, Ni Plated

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

Matching Schematic



L1 = L2 = 12nH, C1 = 56pF, C2 = 30pF

Pin Configuration

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

3. Typical Performance (at +25°C)

