

SMD 1960MHz SAW FILTER

AFS1960S4

*RoHS COMPLIANT



3.0 x 3.0 x 1.5mm

STANDARD SPECIFICATIONS:

ITEM	UNITS	MIN.	TYP.	MAX.
Center Frequency (Fc) @ 25°C	MHz	-	1960	-
Insertion Loss (IL) @ 1930MHz ~ 1960MHz	dB	-	3.0	4.0
Amplitude Ripple pk-pk @ 1930MHz ~ 1960MHz	dB	-	1.2	2.5
Input VSWR		-	1.9	2.1
Attenuation				
DC ~ 1500	MHz	17	20	-
1500 ~ 1830	MHz	18	21	-
1830 ~ 1900	MHz	23	26	-
1900 ~ 1910	MHz	10	23	-
2010 ~ 2020	MHz	10	18	-
2020 ~ 2070	MHz	20	32	-
2070 ~ 5000	MHz	20	23	-
5000 ~ 6000	MHz	15	23	-

Input/Output Terminating Impedance: 50Ω

MARKING:

- A01
- G60
- ZYX

NOTES:

- A01: Filter Series
 G60: 1.60GHz
 Z: Z for month (A to L)
 Y: Y for year (3 for 2003)
 X: Traceability code

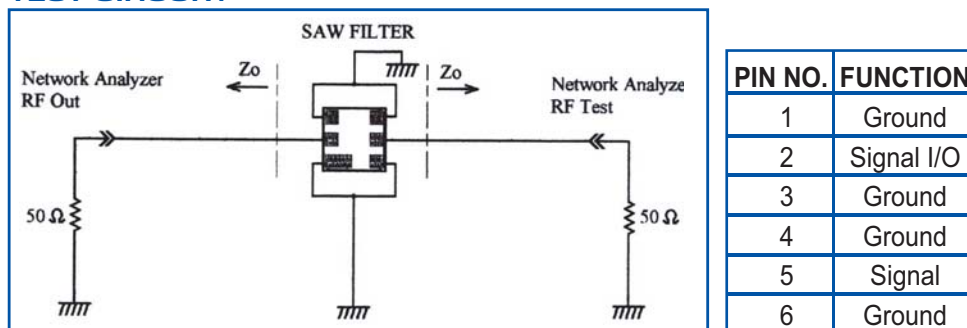
MAXIMUM RATINGS:

- DC Voltage Vdc : 5V
 Operable temperature : -30°C to +80°C
 Storage temperature : -40°C to +85°C
 Source Power : 13 dBm

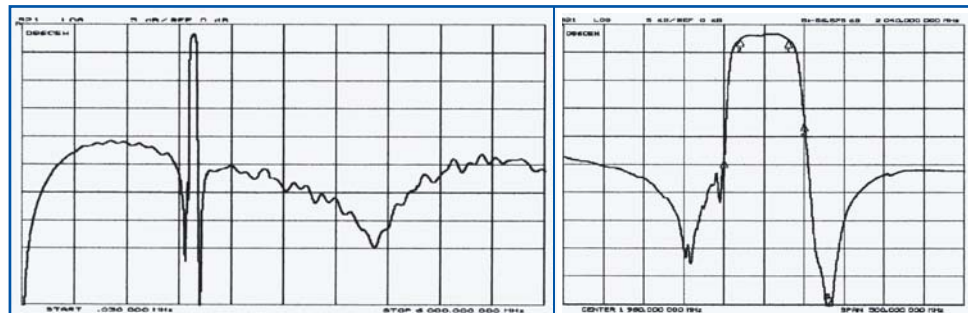
NOTES:

- 1) Static voltage between signal and ground may cause deterioration and destruction of the component. 2) Ultrasonic cleaning vibration can cause deterioration of the component. Please try to avoid ultrasonic cleaning.

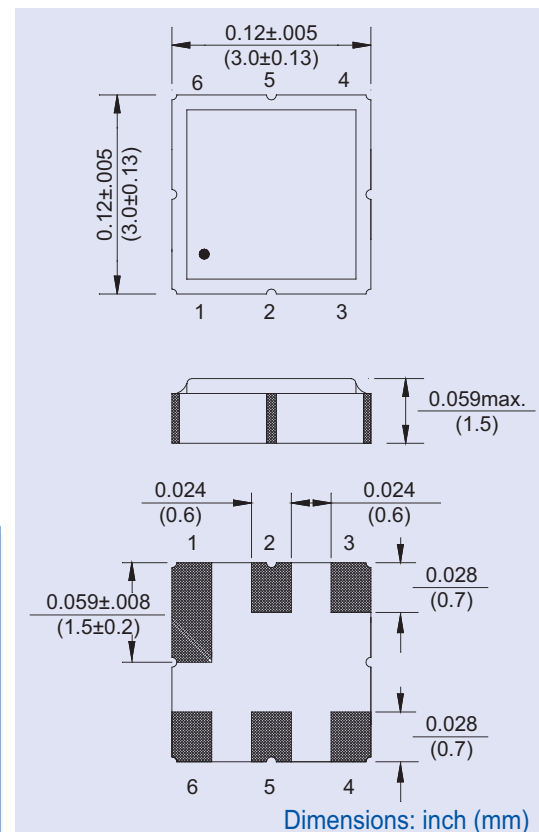
TEST CIRCUIT:



FREQUENCY RESPONSE:



OUTLINE DRAWING:



Mouser Electronics

Authorized Distributor

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