

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

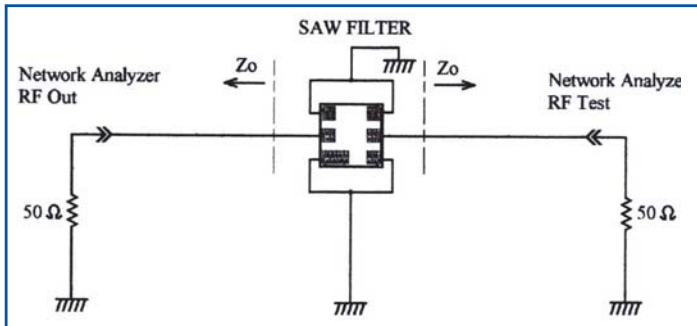
MAXIMUM RATINGS:

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

NOTES:

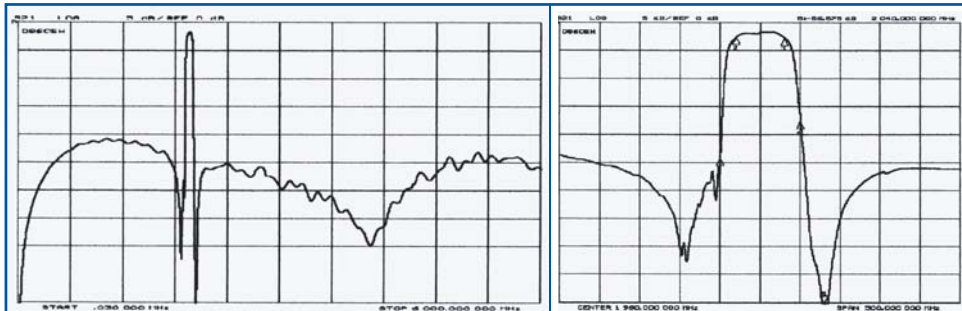
- Static voltage between signal and ground may cause deterioration and destruction of the component.
- Ultrasonic cleaning vibration can cause deterioration of the component. Please try to avoid ultrasonic cleaning.

TEST CIRCUIT:



PIN NO.	FUNCTION
1	Ground
2	Signal I/O
3	Ground
4	Ground
5	Signal
6	Ground

FREQUENCY RESPONSE:



OUTLINE DRAWING:

