

SAW Filter 1620.0MHz

Model: TA1149A

Part No: MP03870

Rev No: 1

A. MAXIMUM RATING:

1. Input Power Level: 27dBm
2. DC Voltage: 3V
3. Operating Temperature: -50°C to +70°C
4. Storage Temperature: -50°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

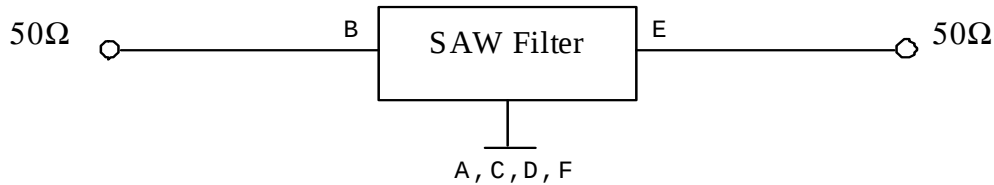
Item	Unit	Min.	Typ.	Max.
Center frequency Fc	MHz	-	1620	-
Insertion Loss at 1620MHz IL	dB	-	1.0	2.0
Amplitude ripple within 1615 ~ 1625MHz	dB	-	0.35	1.5
VSWR within 1615 ~ 1625MHz	dB	-	1.60	2.0
Attenuation (Reference level from 0dB)				
1320 ~ 1565MHz	dB	32	35.0	-
1565 ~ 1585MHz	dB	38	42.6	-
1685 ~ 1920MHz	dB	34	37.7	-
Source impedance Z _S	Ω	-	50	-
Load impedance Z _L	Ω	-	50	-

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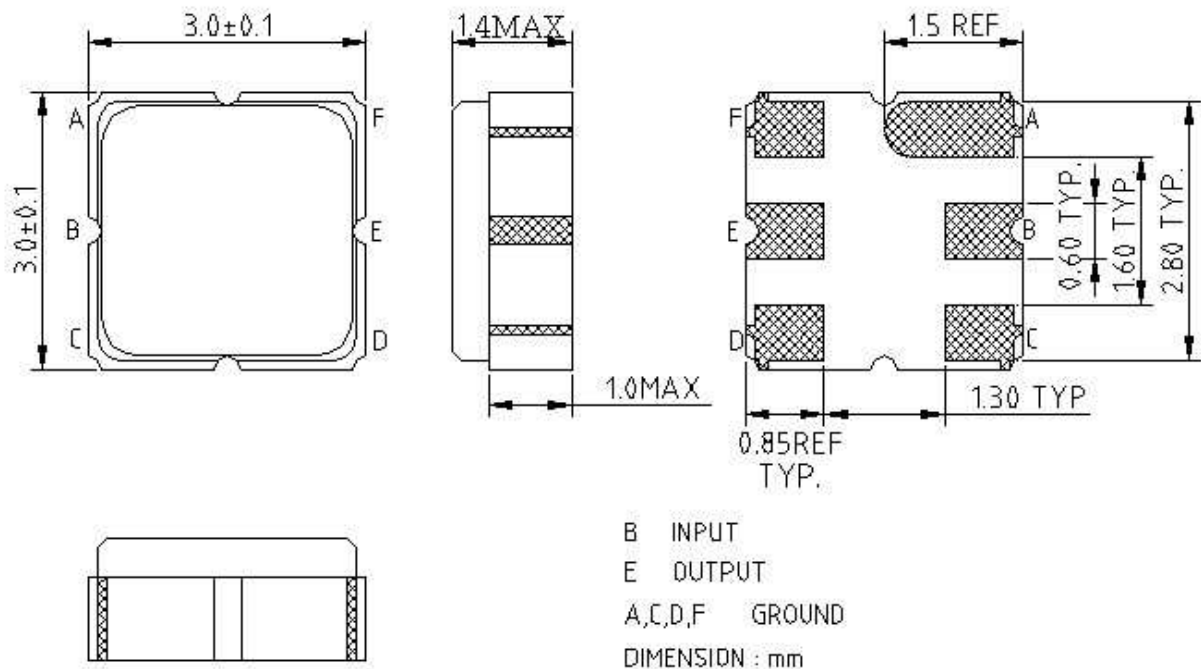
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C. MEASUREMENT CIRCUIT:

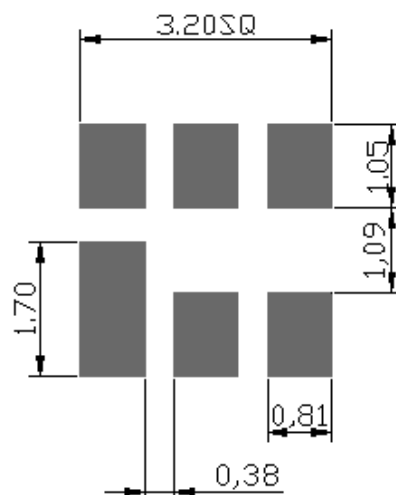
HP Network analyzer



D. OUTLINE DRAWING:



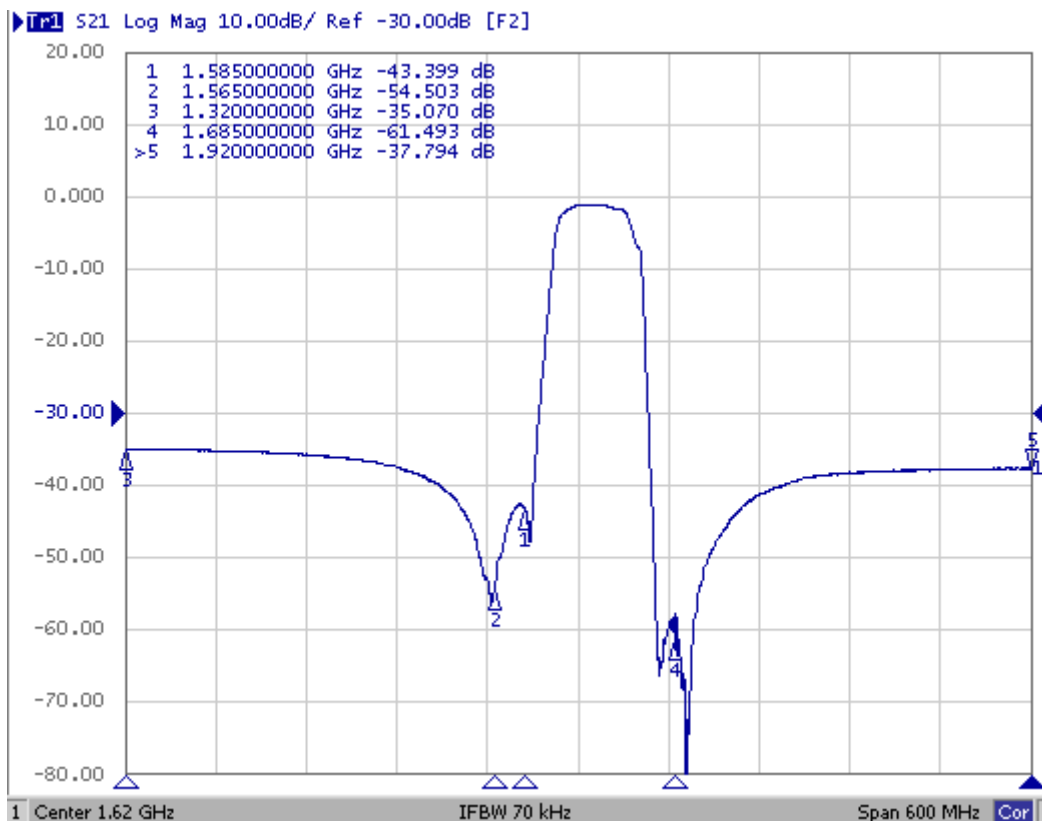
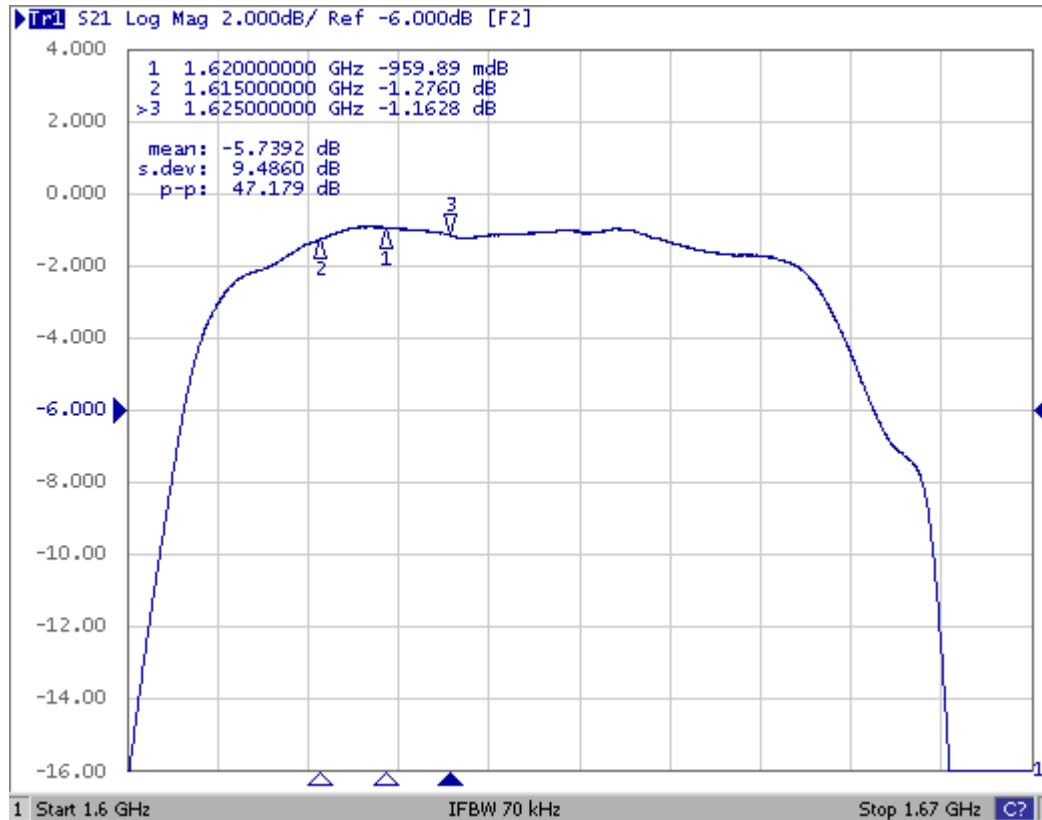
E. PCB FOOTPRINT:



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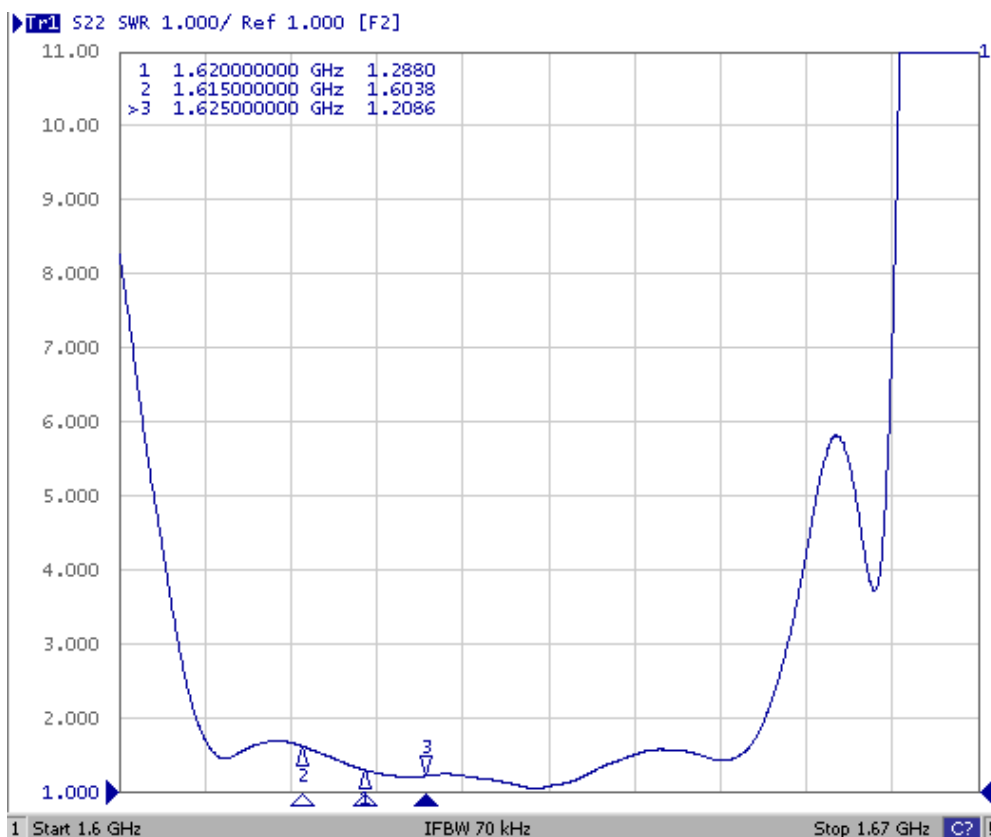
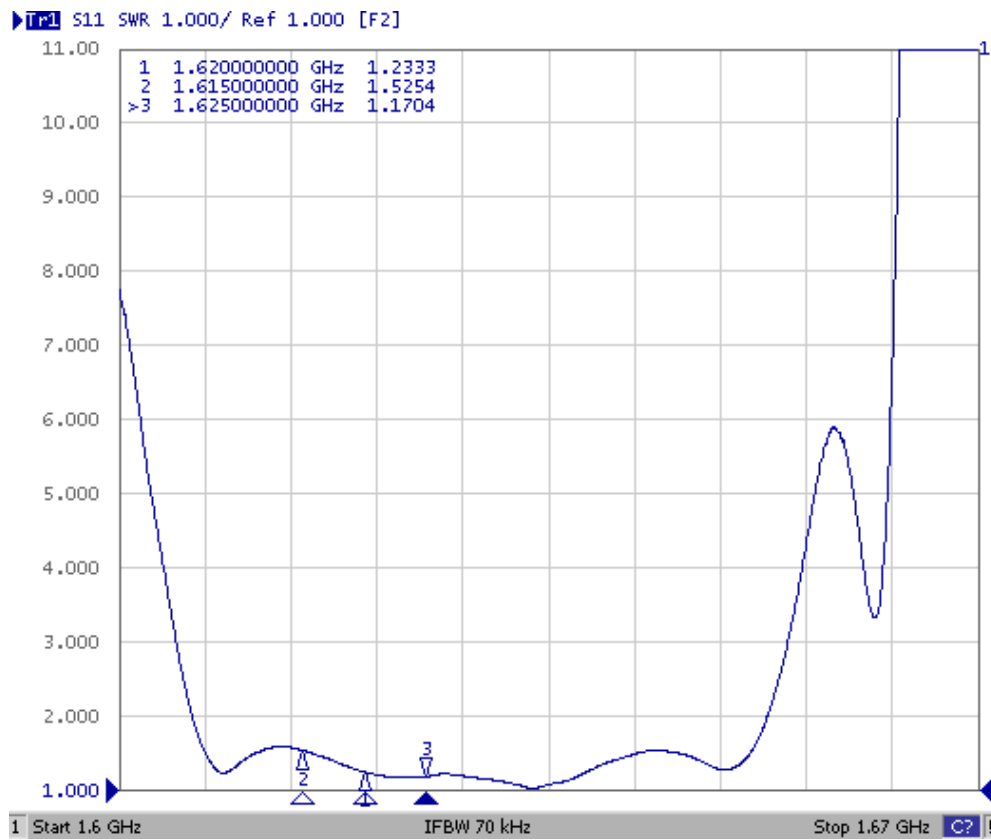
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F. FREQUENCY CHARACTERISTICS: (Simulations)



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H. RECOMMENDED REFLOW PROFILE:

