

SAW Filter 1620.750MHz

Model: TA1101A

Part No: MP02889

Rev No: 1

A. MAXIMUM RATING:

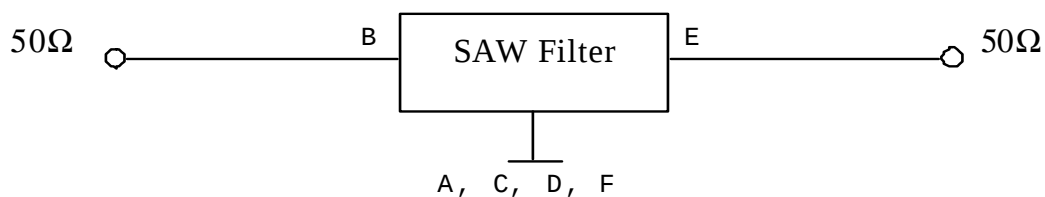
1. Input Power Level: +5dBm
2. DC Voltage: 3V
3. Operating Temperature: -20°C to +70°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.	Note
Center Frequency Fc	MHz	-	1620.75	-	-
Insertion Loss (1615 ~ 1626.5MHz) IL	dB	-	1.3	2.8	-
Amplitude Ripple (1615 ~ 1626.5MHz)	dB	-	0.3	1.8	-
Attenuation (Reference level from 0dB)					
1100 ~ 1400MHz	dB	30	35	-	-
1400 ~ 1560MHz	dB	30	37	-	-
1680 ~ 1825MHz	dB	30	40	-	-
1825 ~ 1900MHz	dB	35	40	-	-

C. MEASUREMENT CIRCUIT:

HP Network analyzer



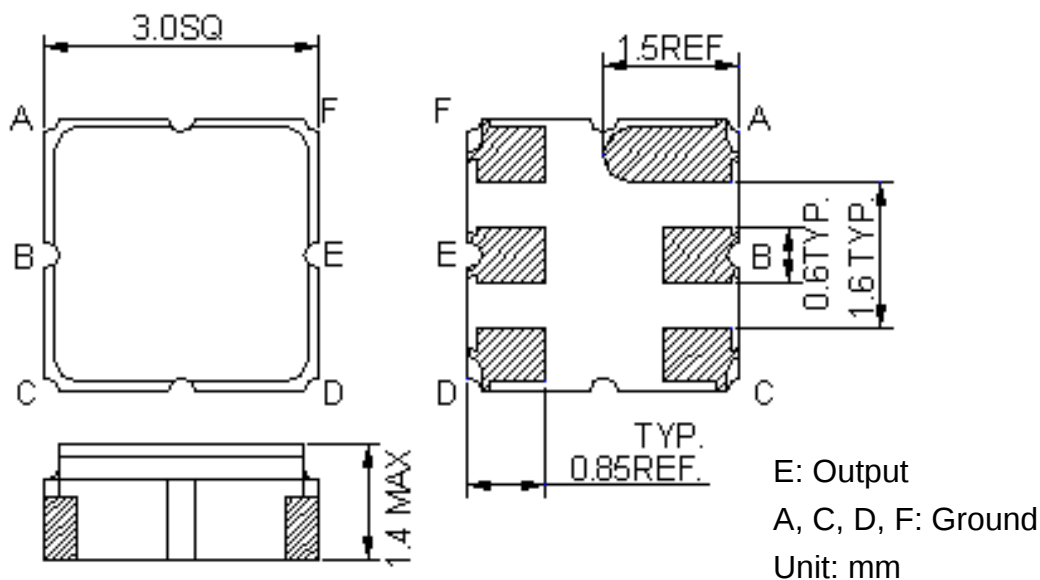
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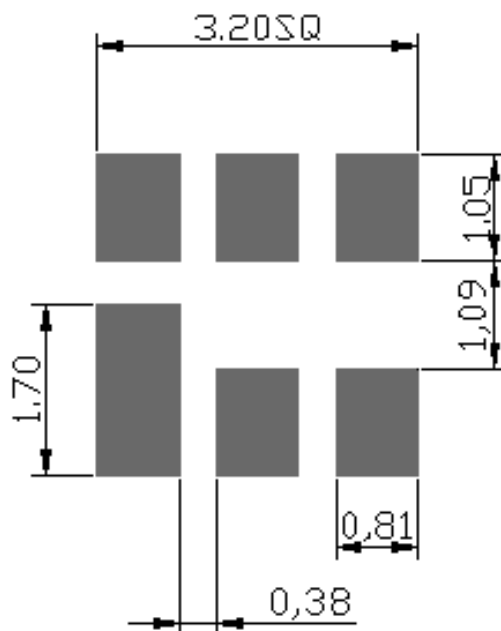
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D. OUTLINE DRAWING:



E. PCB FOOTPRINT:



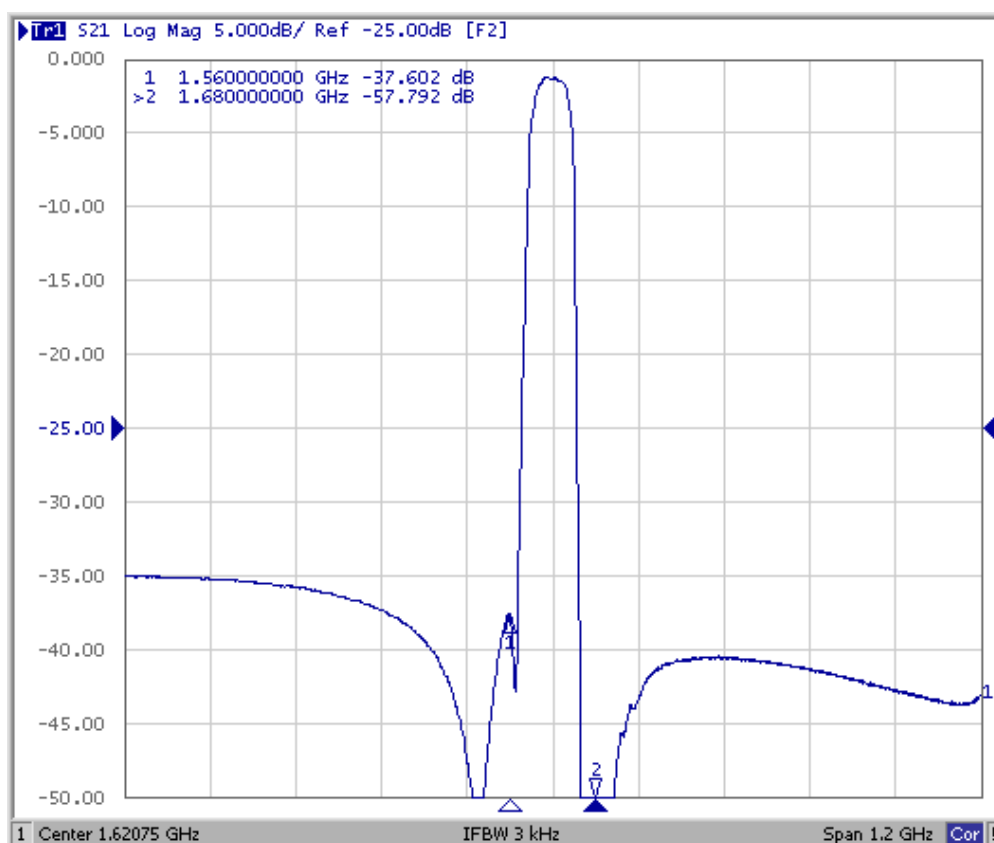
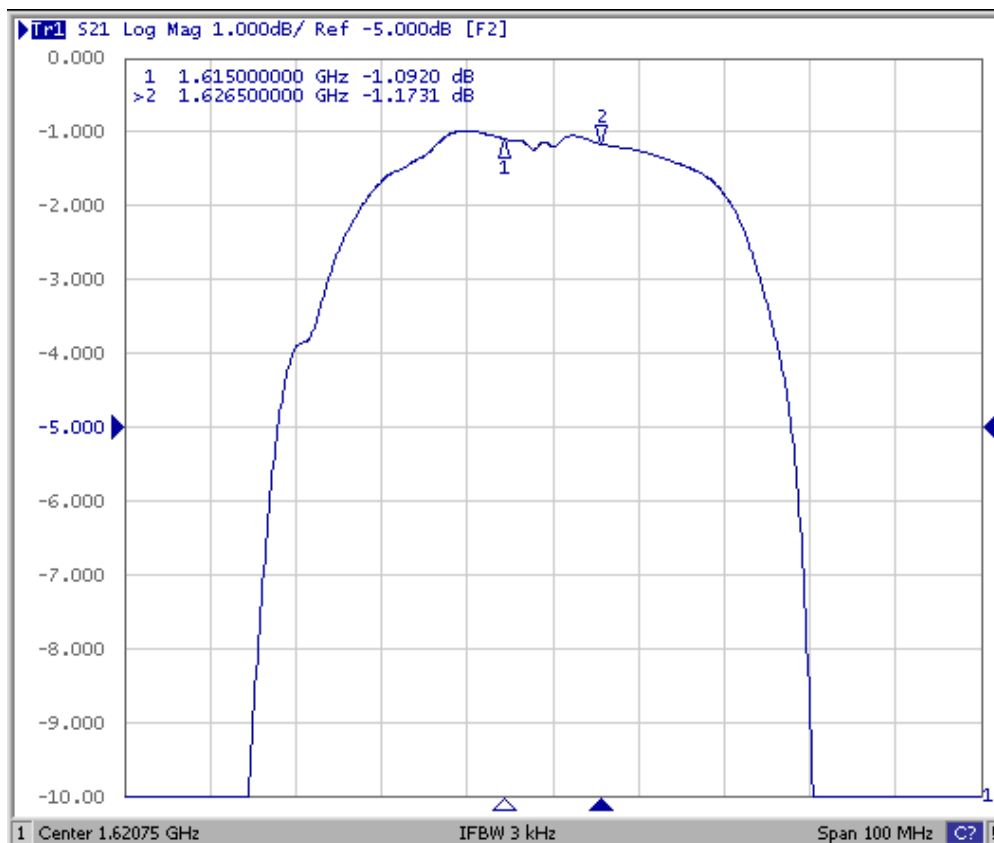
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F. FREQUENCY CHARACTERISTICS:

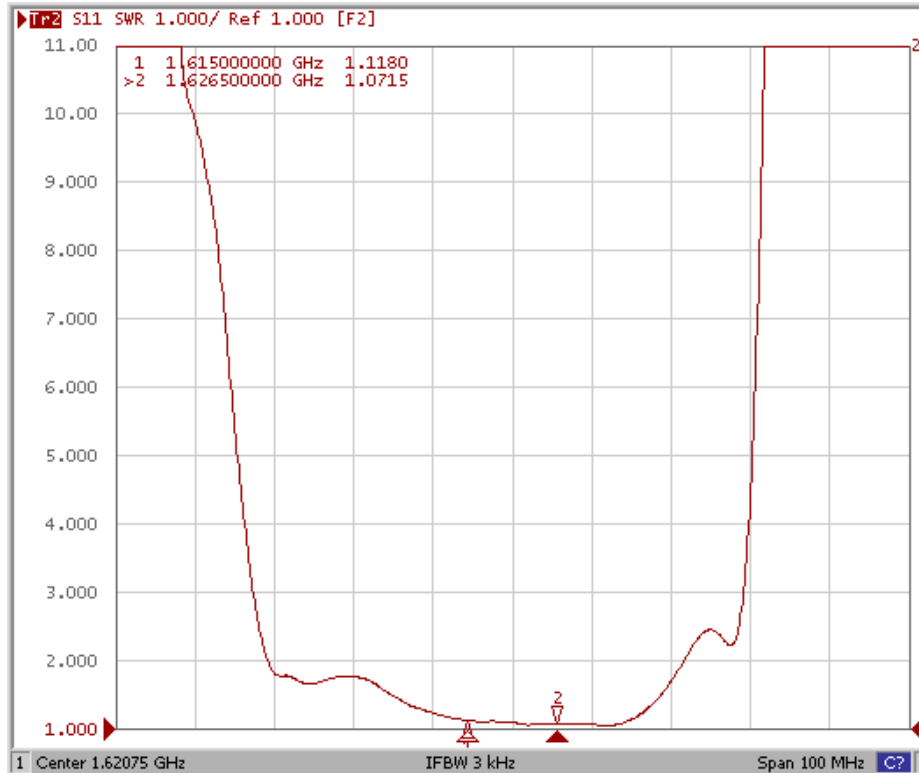


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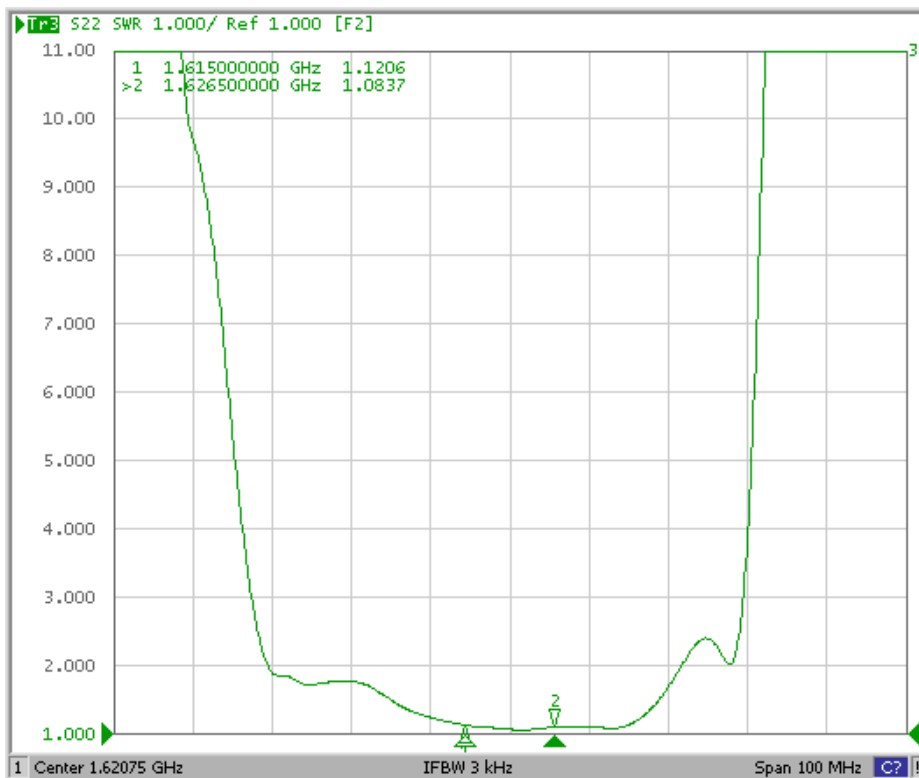
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Reflection Functions

S11



S22



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H. RECOMMENDED REFLOW PROFILE:

