

SAW Filter 866.0MHz

Ref No: TA1362A

Part No: MP08148

Rev No: 1

A. MAXIMUM RATING:

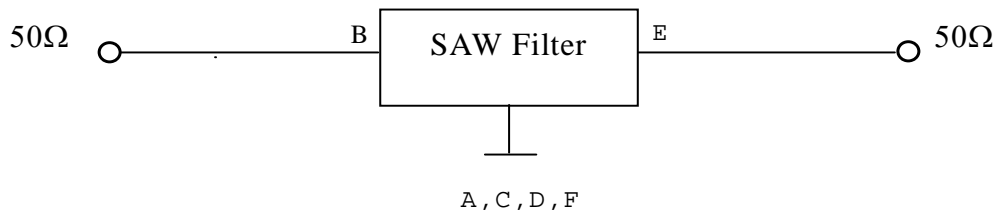
1. Input Power Level: 18dBm
2. DC voltage: 3V
3. Operating Temperature: -25°C to +70°C
4. Storage Temperature: -30°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.
Center frequency Fc	MHz	-	866	-
Insertion loss at Fc Amax	dB	-	2.4	3.0
Ripple (862.5 ~ 870.5MHz)	dB	-	0.3	1.3
VSWR (862.5 ~ 870.5MHz)	-	-	1.3	2.0
Attenuation (Reference level from Amax)				
10 ~ 830MHz	dB	45	58	-
830 ~ 850MHz	dB	22	35	-
885 ~ 905MHz	dB	27	31	-
905 ~ 950MHz	dB	45	49	-
950 ~ 1500MHz	dB	40	52	-
1500 ~ 3000MHz	dB	25	27	-
Temperature coefficient of frequency TCf	ppm/°C	-	-36	-

C. MEASUREMENT CIRCUIT:

HP Network analyzer

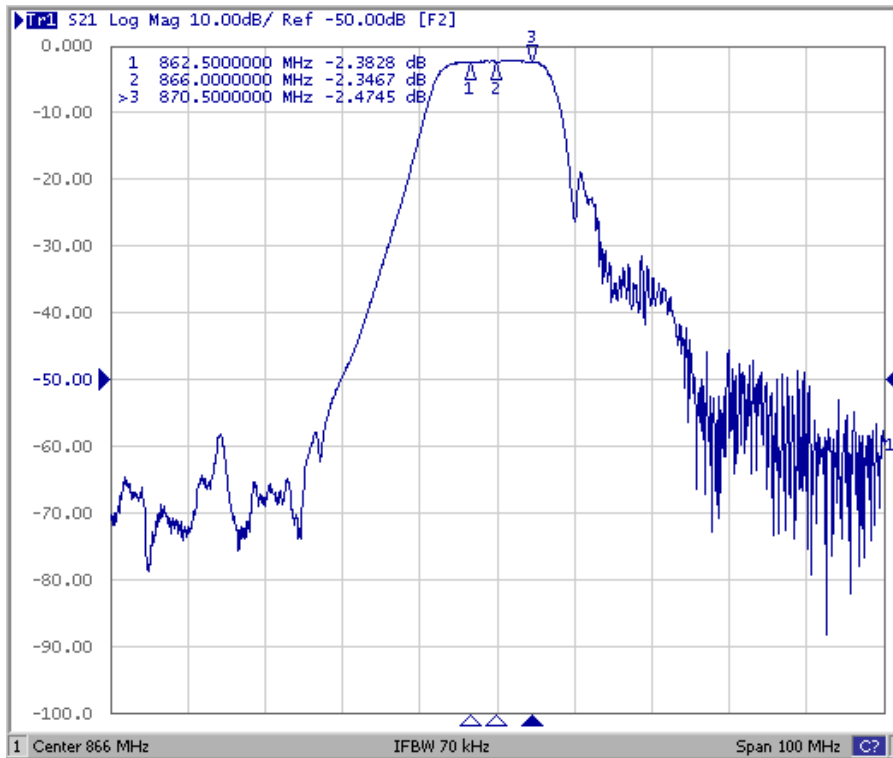


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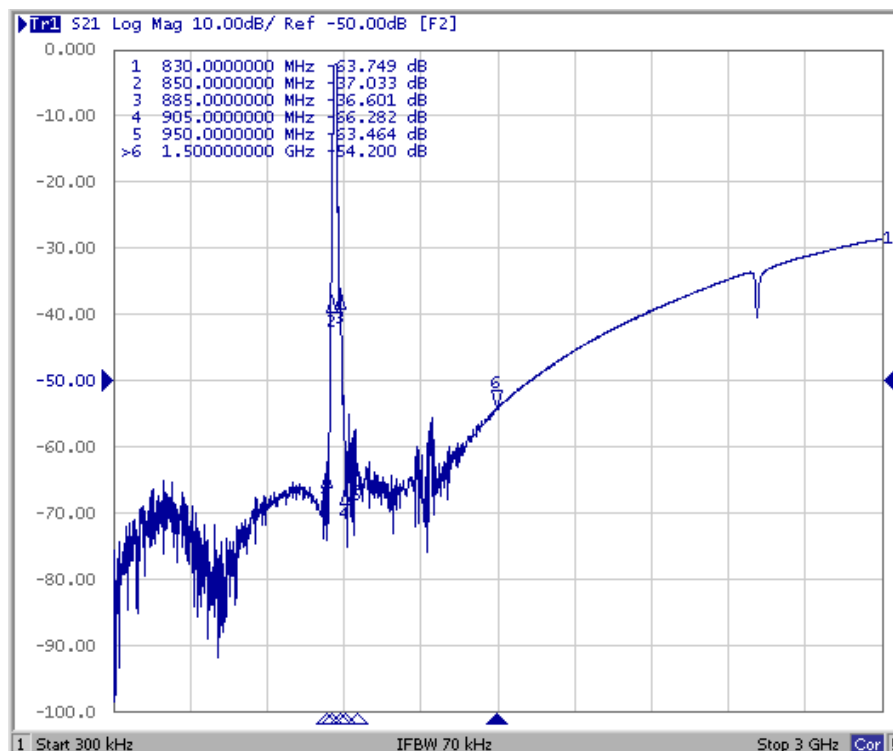
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D. FREQUENCY CHARACTERISTICS:

1. Wide band Response: (span 100MHz)



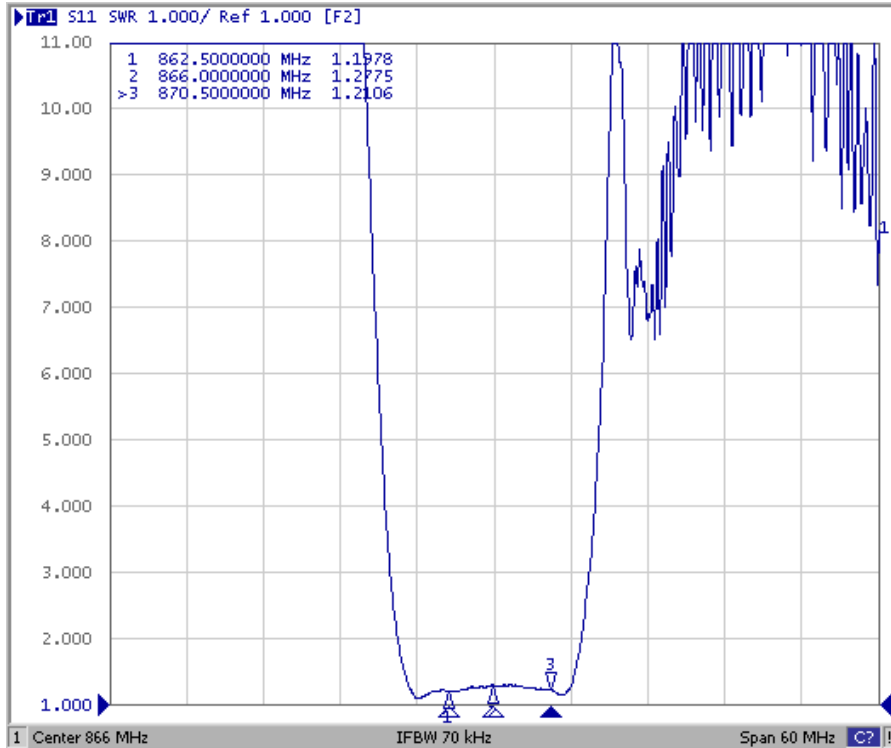
2. Wide band Response: (300k ~ 3GHz)



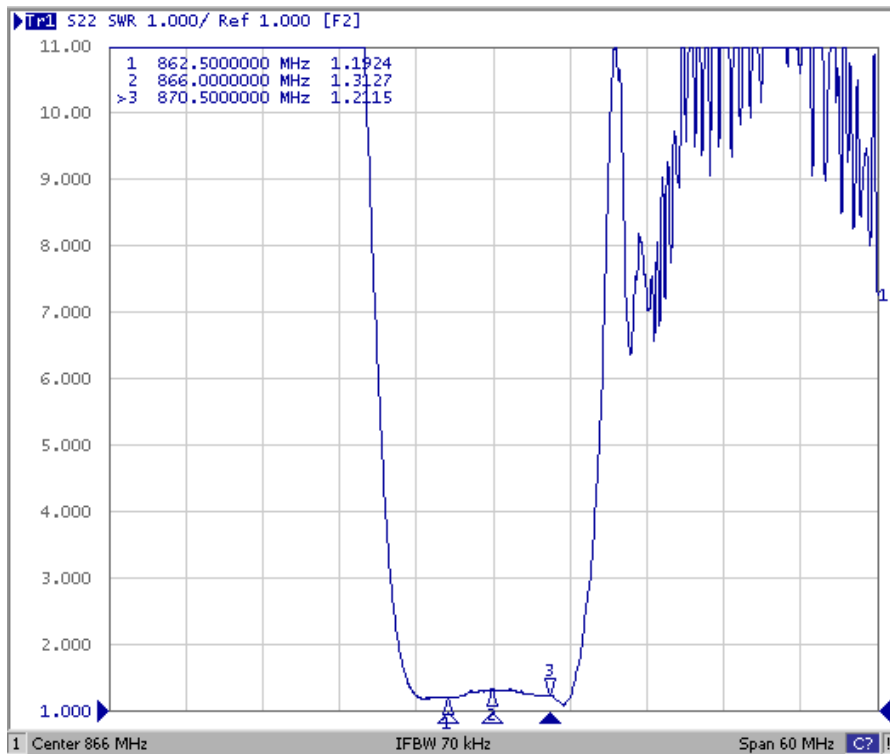
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3. S11 VSWR Variation: (span 60MHz)



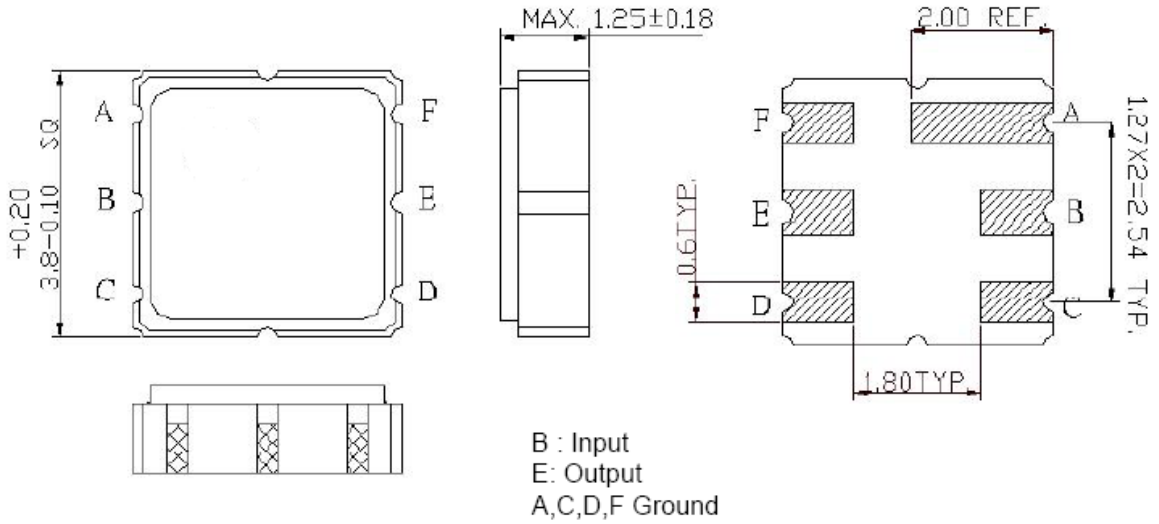
4. S22 VSWR Variation: (span 60MHz)



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E. OUTLINE DRAWING:



Unit: mm

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G. RECOMMENDED REFLOW PROFILE:

