

SAW Filter 866MHz
Part No: MP02248

Model: TA0801A
Rev No: 2

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:

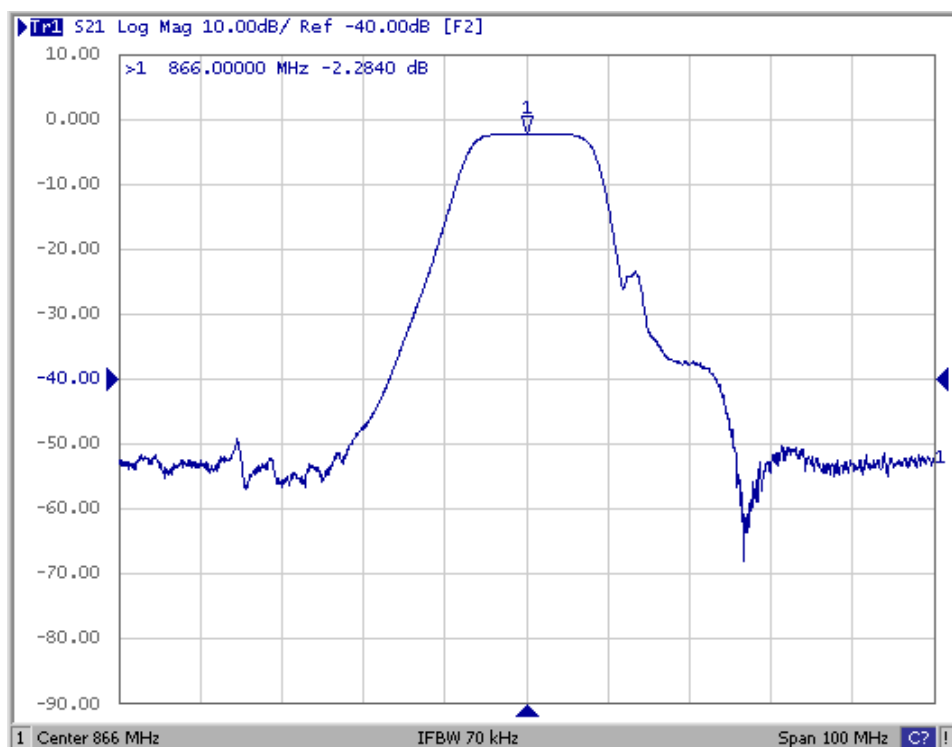
Item	Unit	Min.	Typ.	Max.
Center frequency Fc	MHz	-	866	-
Insertion loss at Fc Amax	dB	-	2.3	3.0
Ripple (863 ~ 870MHz)	dB	-	0.3	1.3
VSWR (863 ~ 870MHz)		-	1.2	2.0
Attenuation (Reference level from Amax)				
10 ~ 830MHz	dB	45	49	-
830 ~ 850MHz	dB	22	35	-
885 ~ 905MHz	dB	27	35	-
905 ~ 950MHz	dB	45	49	-
950 ~ 1500MHz	dB	40	47	
1500 ~ 3000MHz	dB	25	28	
Temperature coefficient of frequency TCf	-36ppm / °C			

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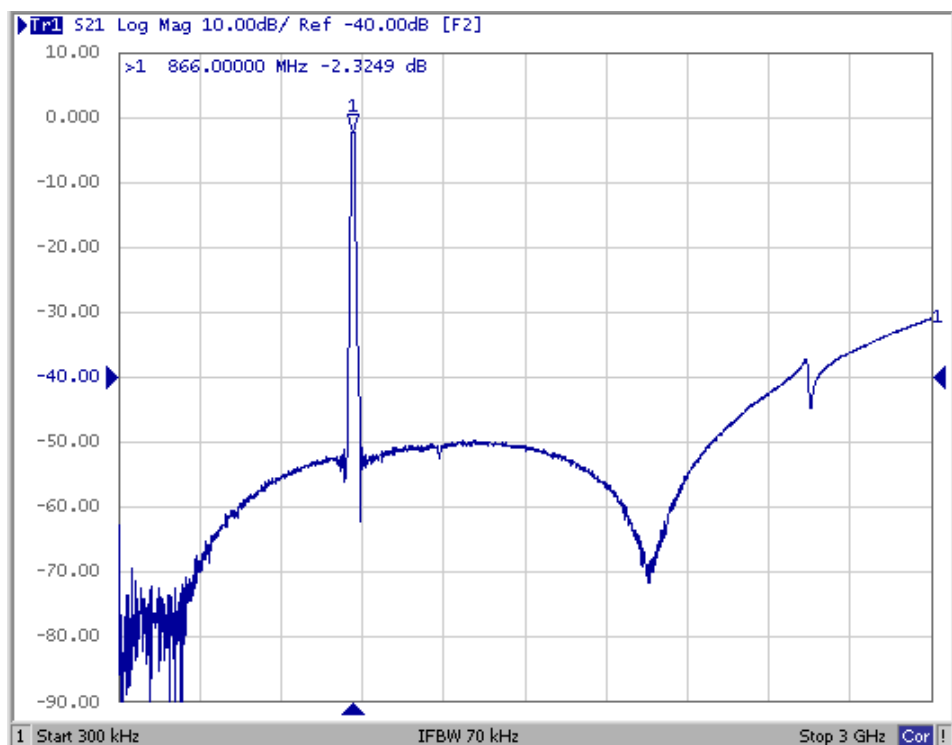
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C. FREQUENCY CHARACTERISTICS:

1. wide band Response: (span 100MHz)



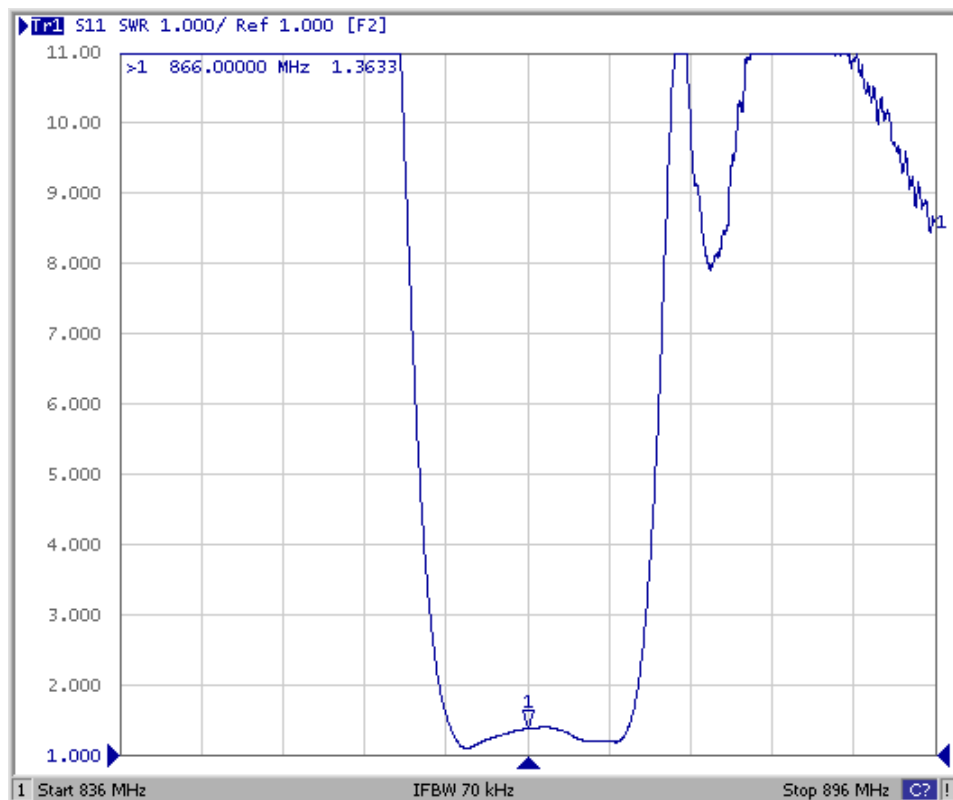
2. wide band Response: (300k ~ 3GHz)



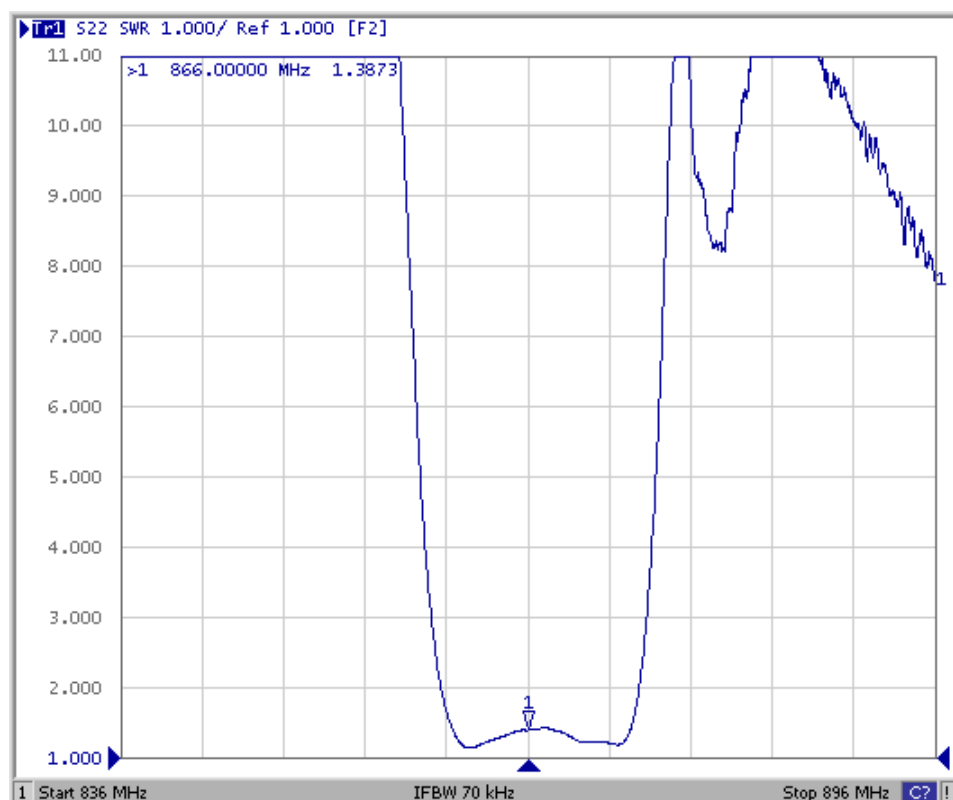
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3. S11 VSWR Variation: (span 60MHz)



4. S22 VSWR Variation: (span 60MHz)



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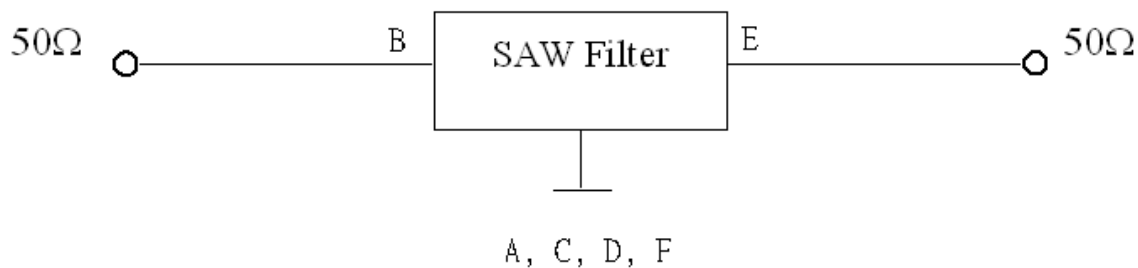
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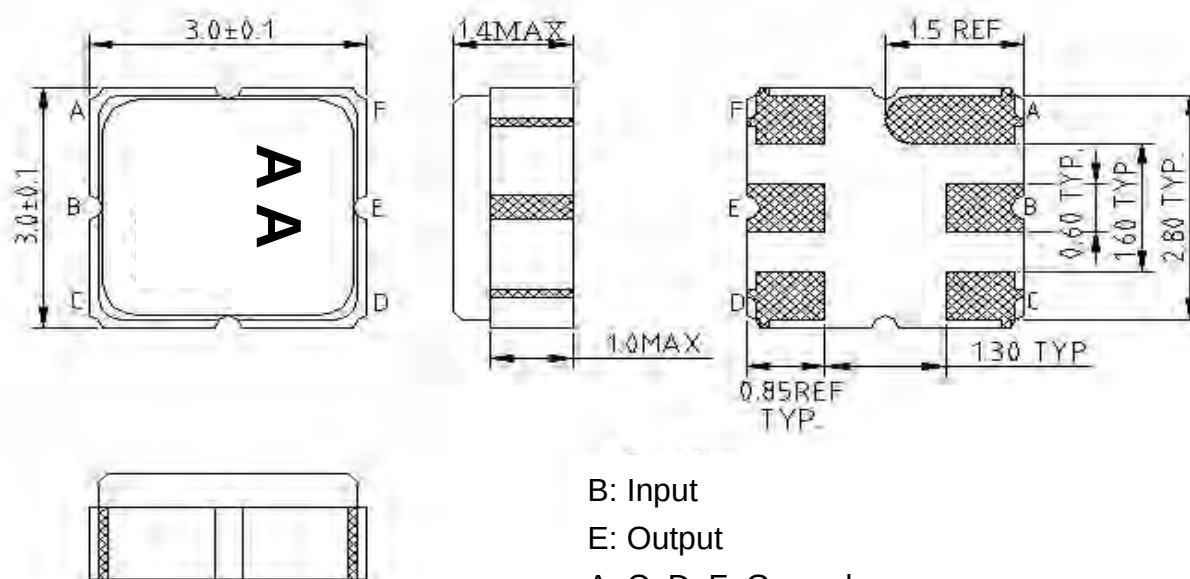
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D. MEASUREMENT CIRCUIT:

HP Network analyzer



E. OUTLINE DRAWING:



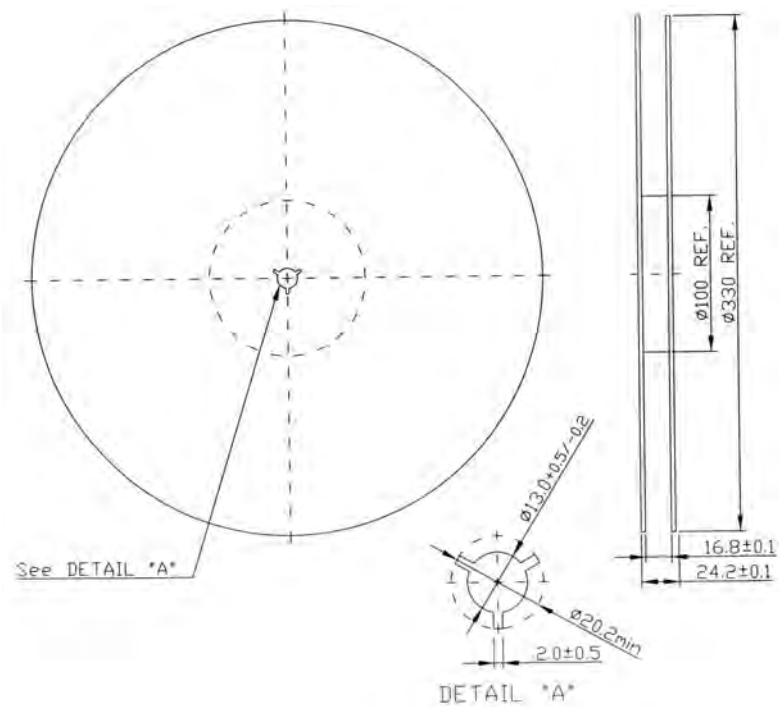
B: Input
 E: Output
 A, C, D, F: Ground
 Unit: mm

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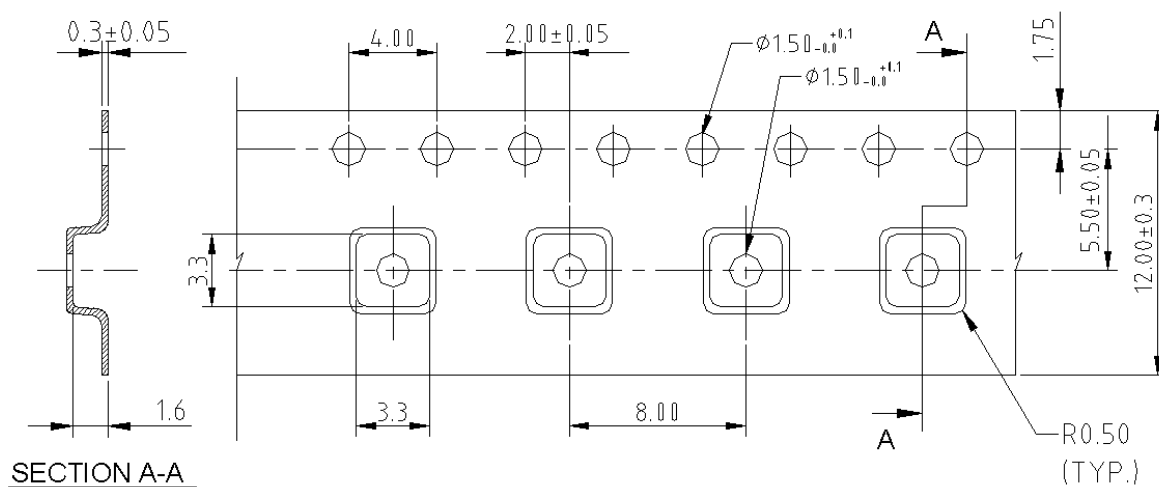
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F. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



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G. RECOMMENDED REFLOW PROFILE:

