

SAW Filter 847.0MHz
Part No: MP02701

Model: TA1072A
Rev No: 3

A. MAXIMUM RATING:

Electrostatic Sensitive Device (ESD)

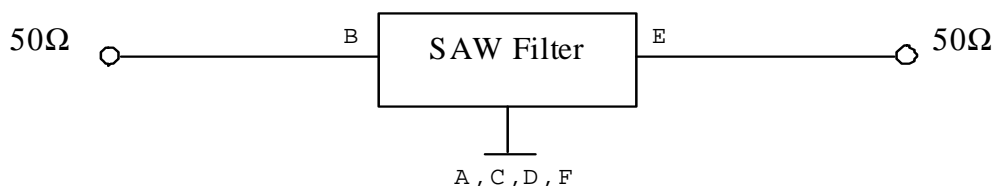
1. Input Power Level: 10dBm
2. DC Voltage: 3V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.
Center frequency Fc	MHz	-	847	-
Insertion Loss (832 ~ 862MHz) IL	dB	-	2.5	4.5
Amplitude ripple (832 ~ 862MHz)	dB	-	0.7	2.0
VSWR (832 ~ 862MHz)	-	-	1.6	2.5
Attenuation (reference from 0dB)				
D.C ~ 800MHz	dB	45	55	-
800 ~ 815MHz	dB	30	50	-
815 ~ 821MHz	dB	10	34	-
895 ~ 940MHz	dB	30	42	-
940 ~ 1500MHz	dB	45	57	-
1500 ~ 2000MHz	dB	35	45	-

C. MEASUREMENT CIRCUIT:

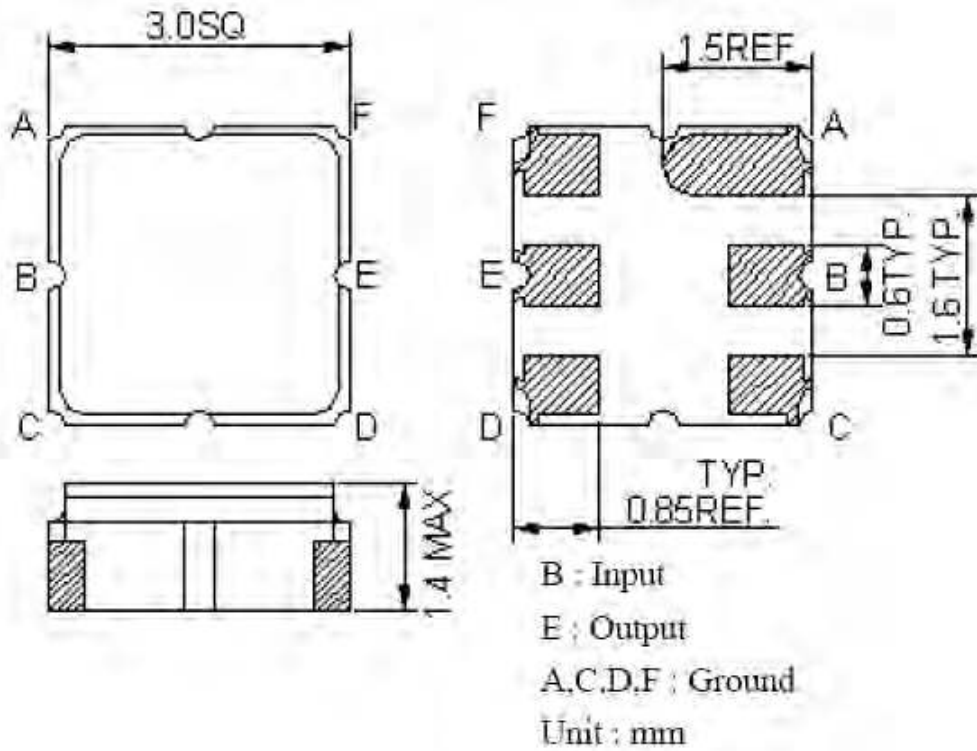
HP Network analyzer



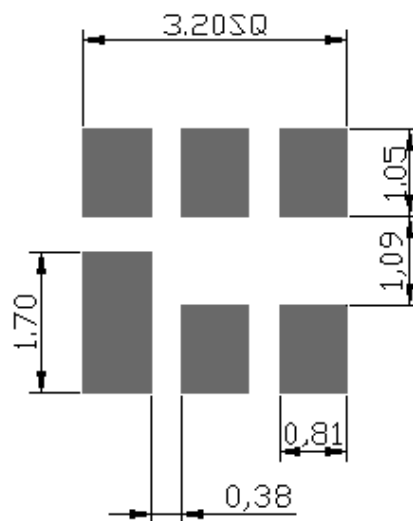
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D. OUTLINE DRAWING:



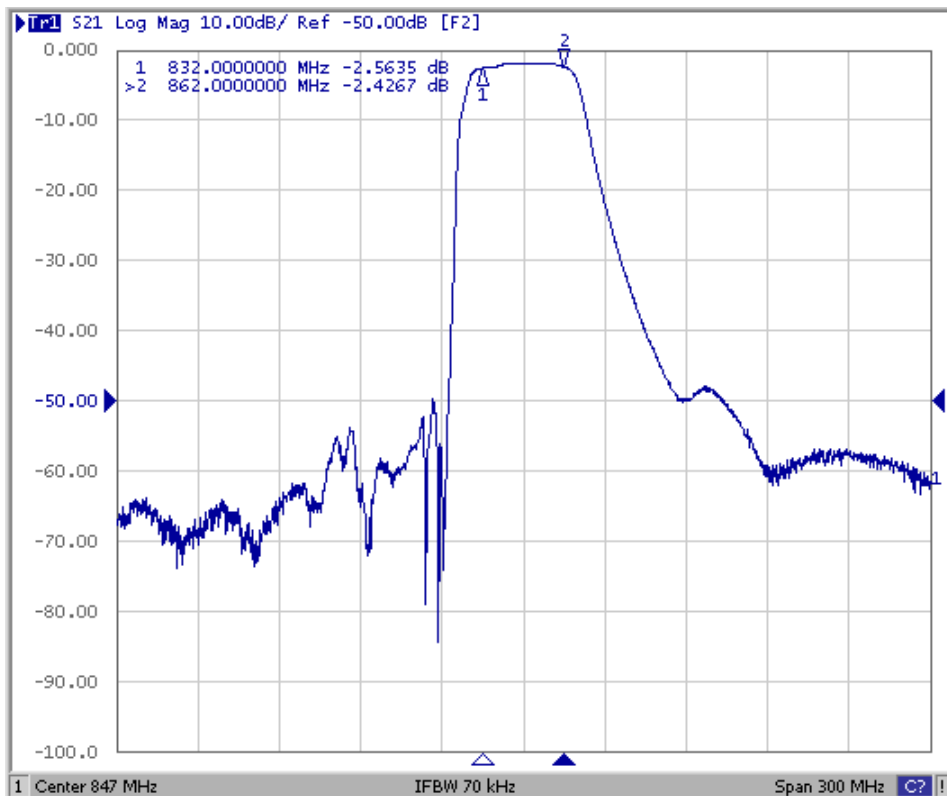
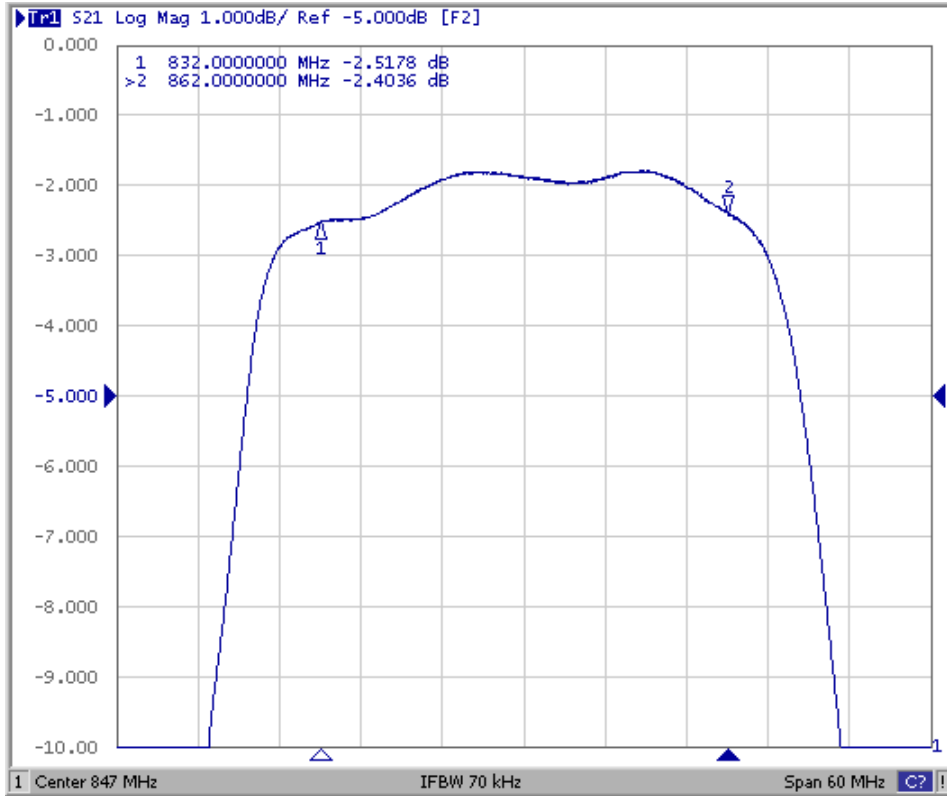
E. PCB FOOTPRINT:



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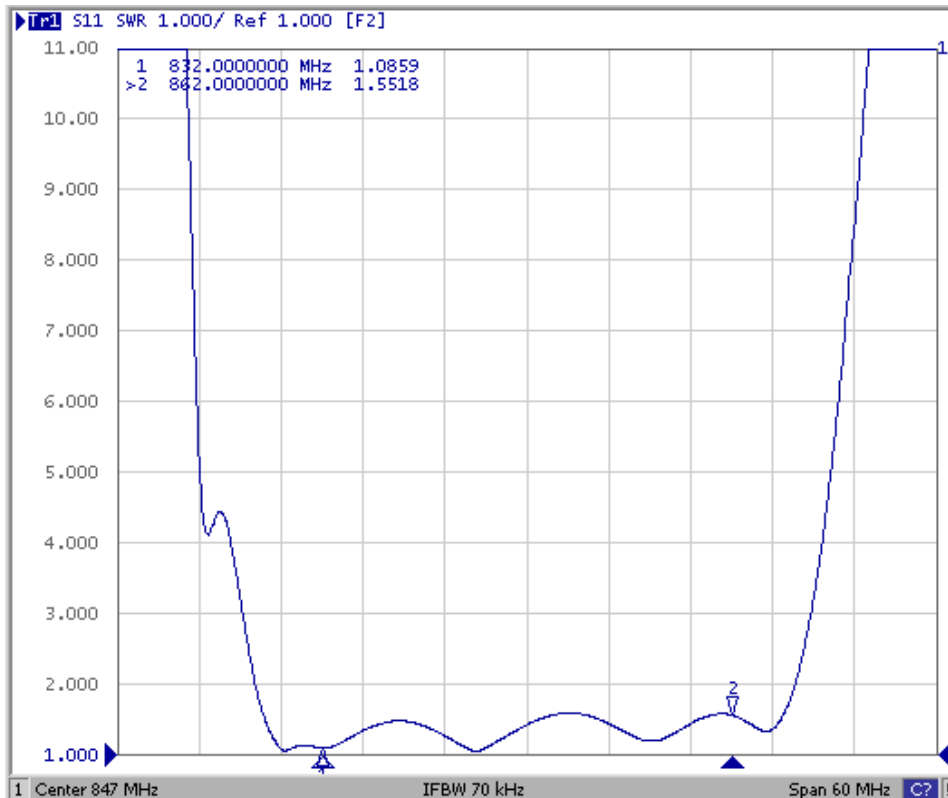
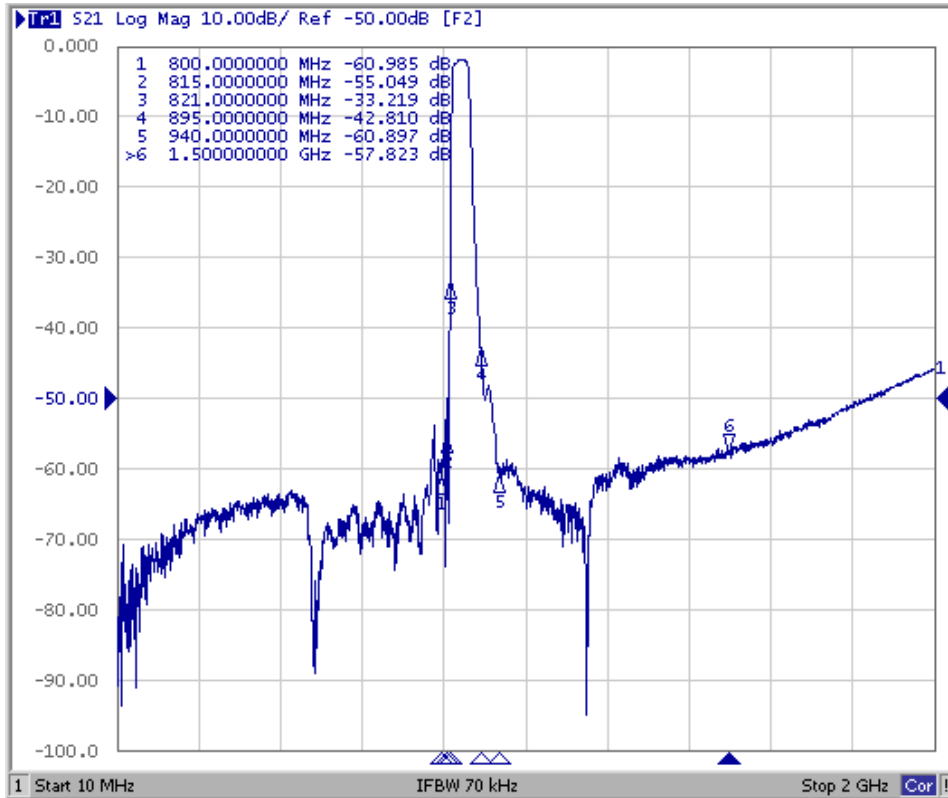
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F. FREQUENCY CHARACTERISTICS:



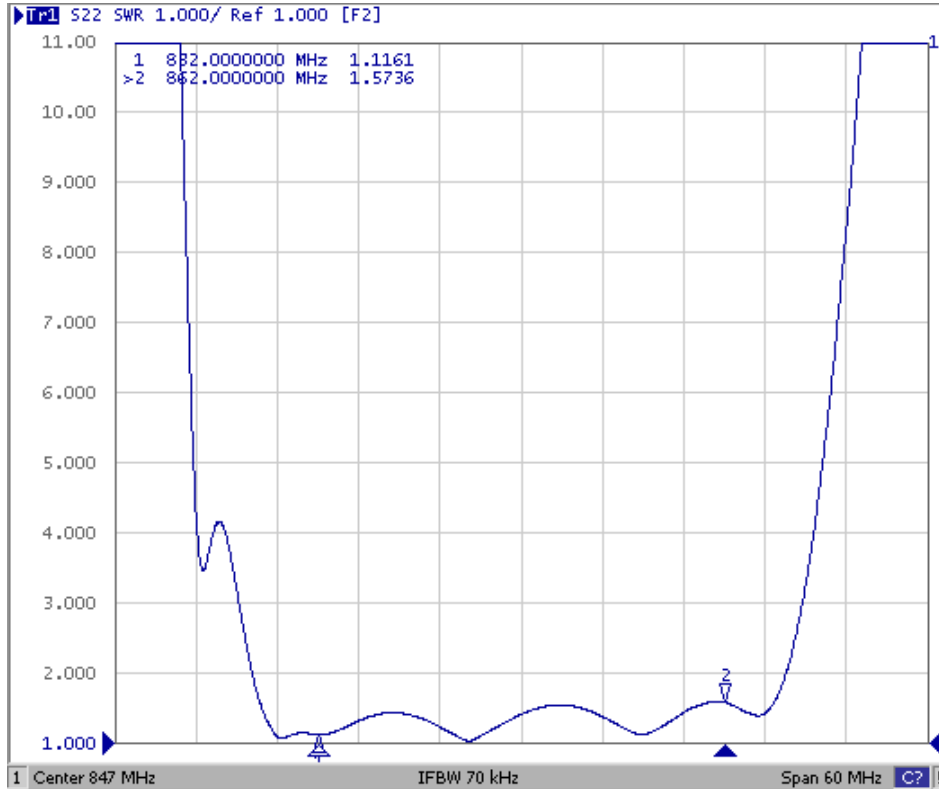
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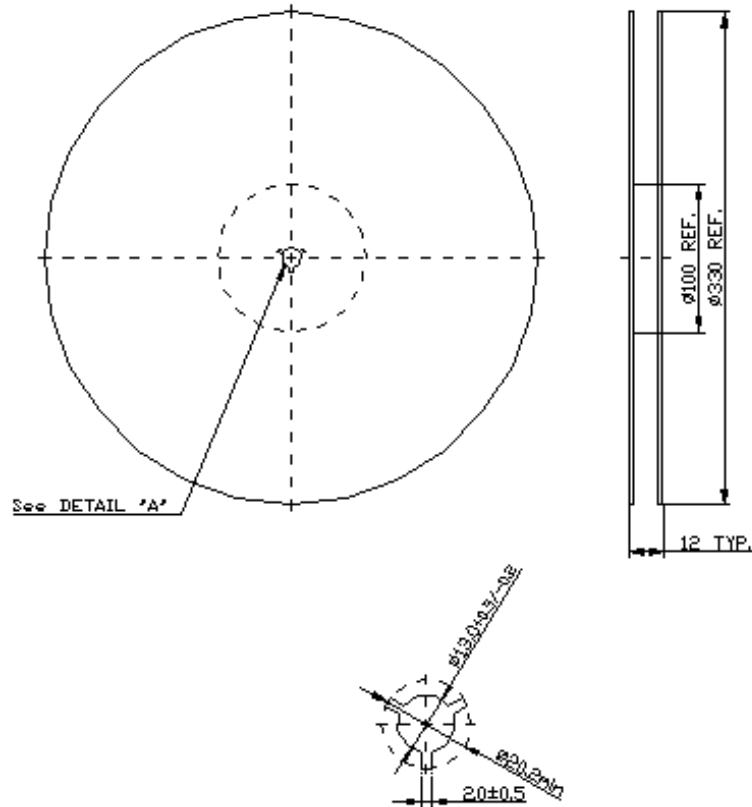


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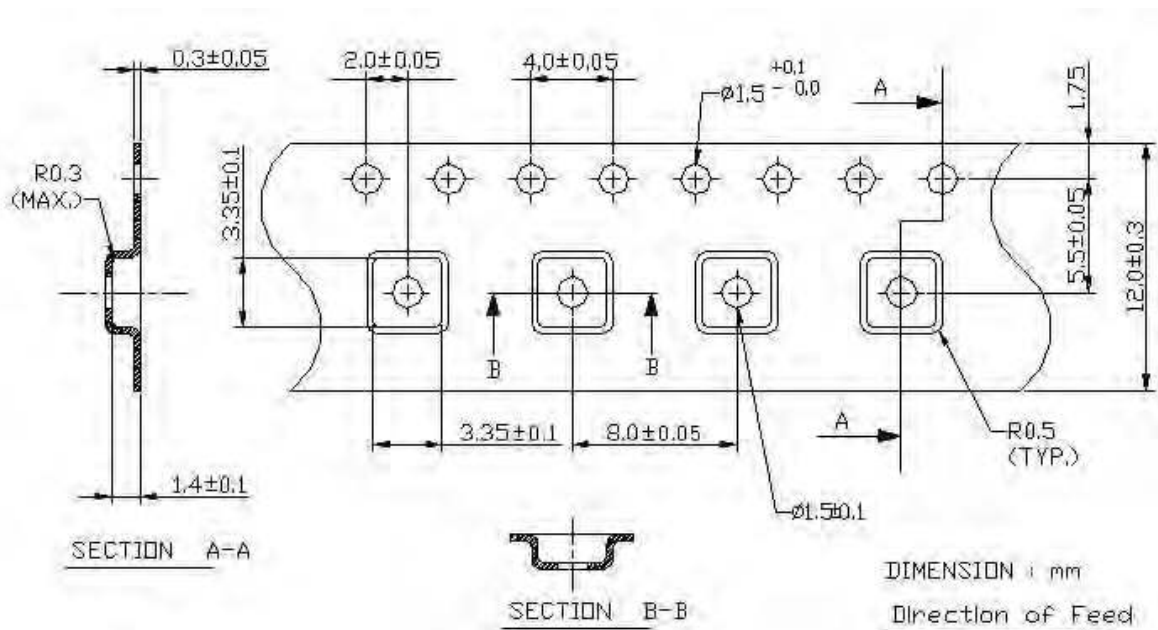
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G. PACKING:

1. Reel Dimension



2. Tape Dimension



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H. RECOMMENDED REFLOW PROFILE:

