

SAW Filter 827.50MHz
Part No: MP03364

Model: TA0981A
Rev No: 1

A. MAXIMUM RATING:

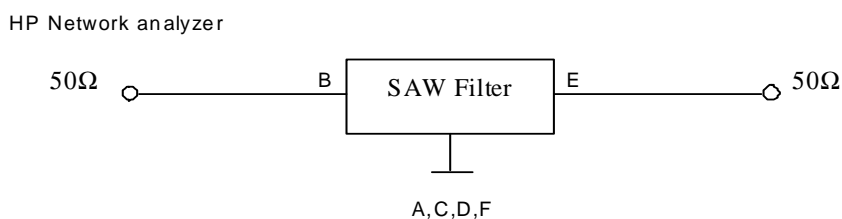
1. Input Power Level: 10dBm
2. DC voltage: 3V
3. Operating Temperature: -30°C to 85°C
4. Storage Temperature: -40°C to +85°C

B. CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.
Center frequency Fc	MHz	-	827.5	-
Insertion loss 820 ~ 835MHz IL	dB	-	2.7	3.5
Amplitude ripple 820 ~ 835MHz	dB	-	0.7	1.5
VSWR 820 ~ 835MHz	-	-	1.5	2.0
Attenuation (reference from 0dB)				
10 ~ 780MHz	dB	40	45	-
865 ~ 880MHz	dB	25	32	-
880 ~ 920MHz	dB	35	40	-
920 ~ 1220MHz	dB	40	45	-
Source impedance Z _S	Ω	-	50	-
Load impedance Z _L	Ω	-	50	-

Note: No matching network required for operation at 50Ω

C. MEASUREMENT CIRCUIT:

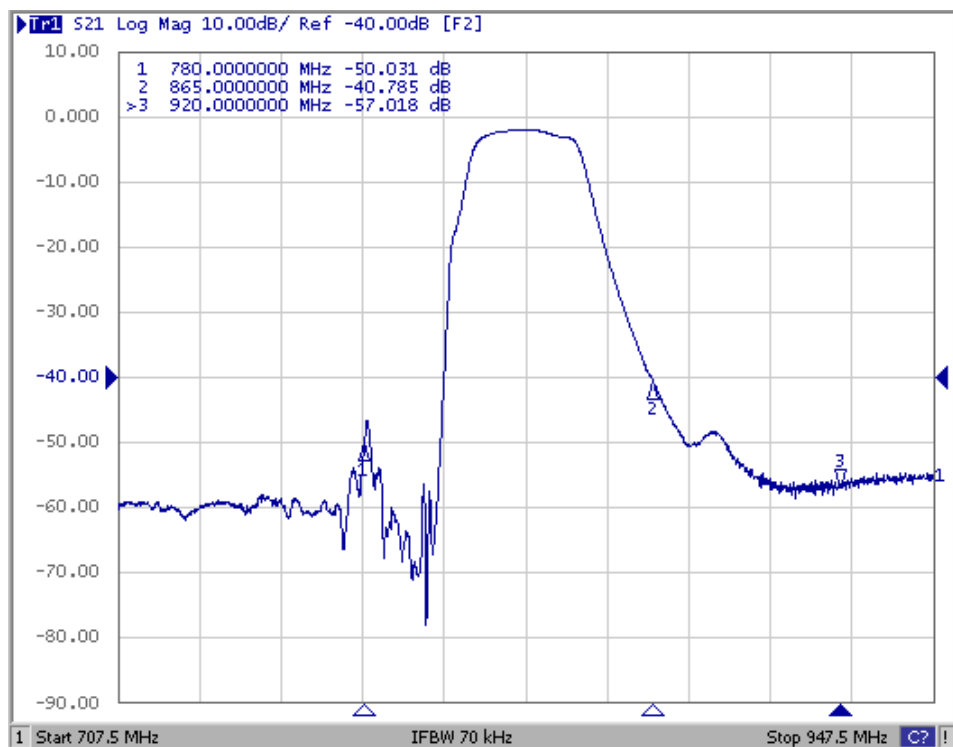
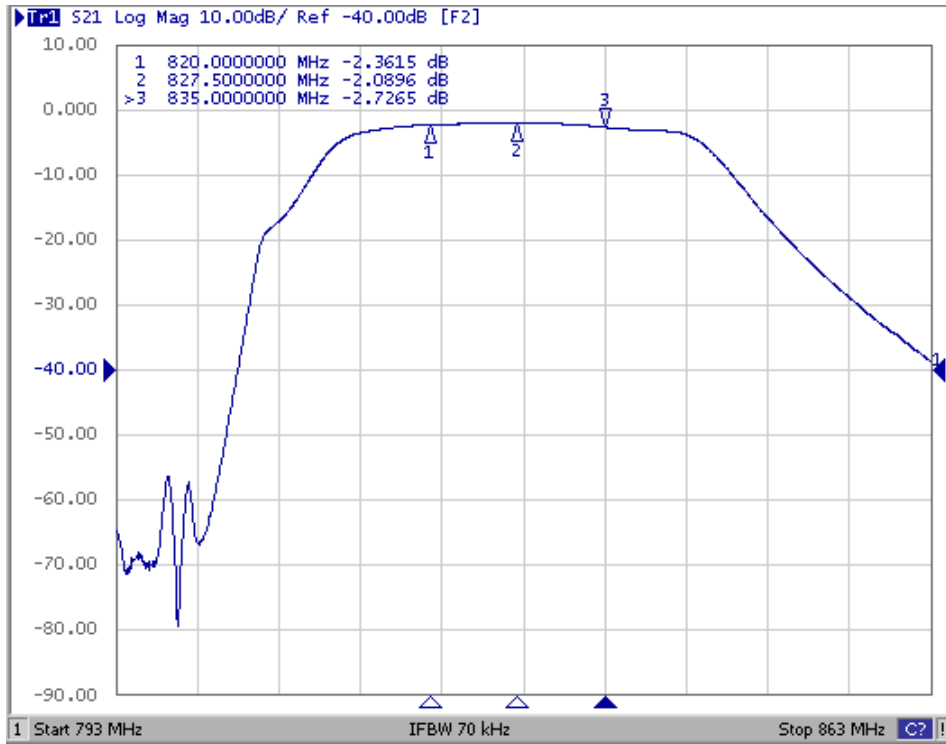


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D. FREQUENCY CHARACTERISTICS:

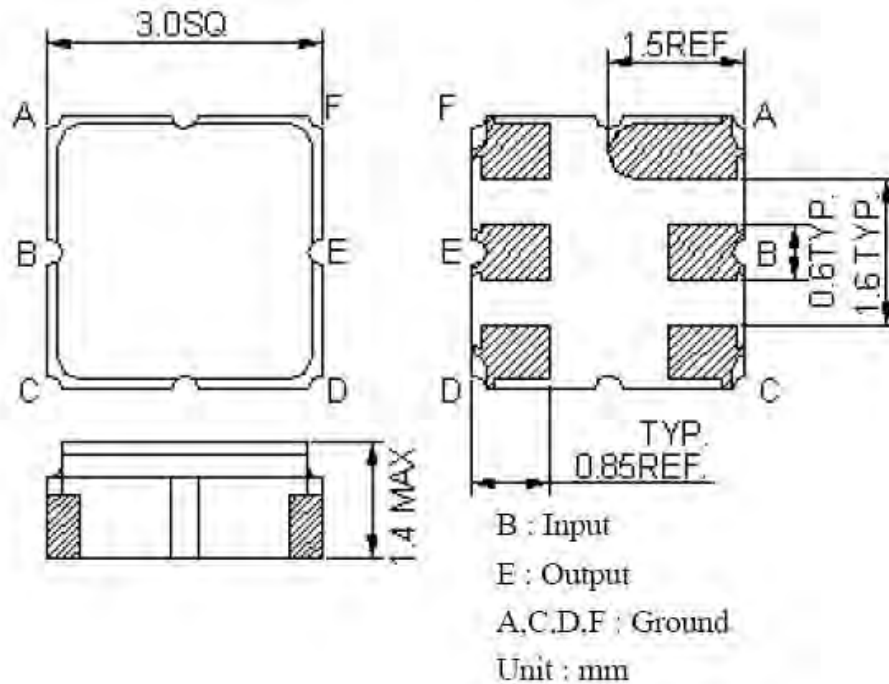
Transfer Function



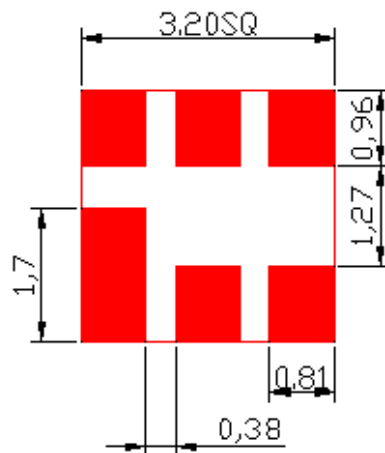
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E. OUTLINE DRAWING:



F. PCB FOOTPRINT:

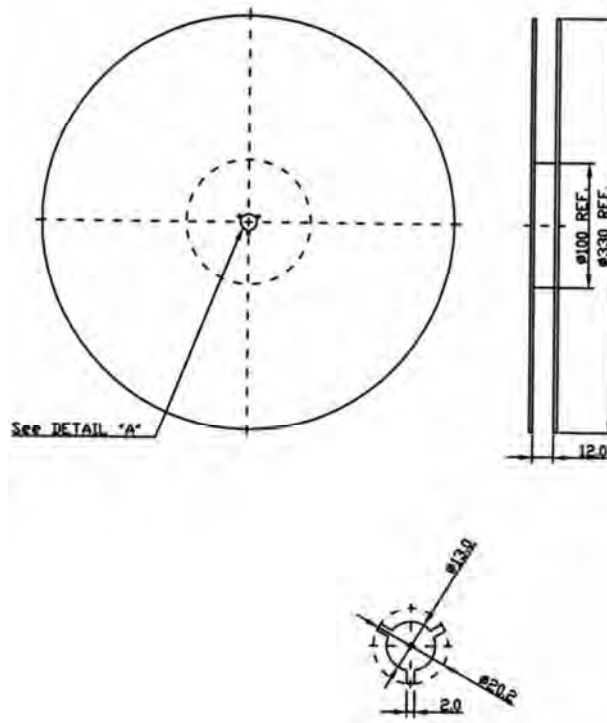


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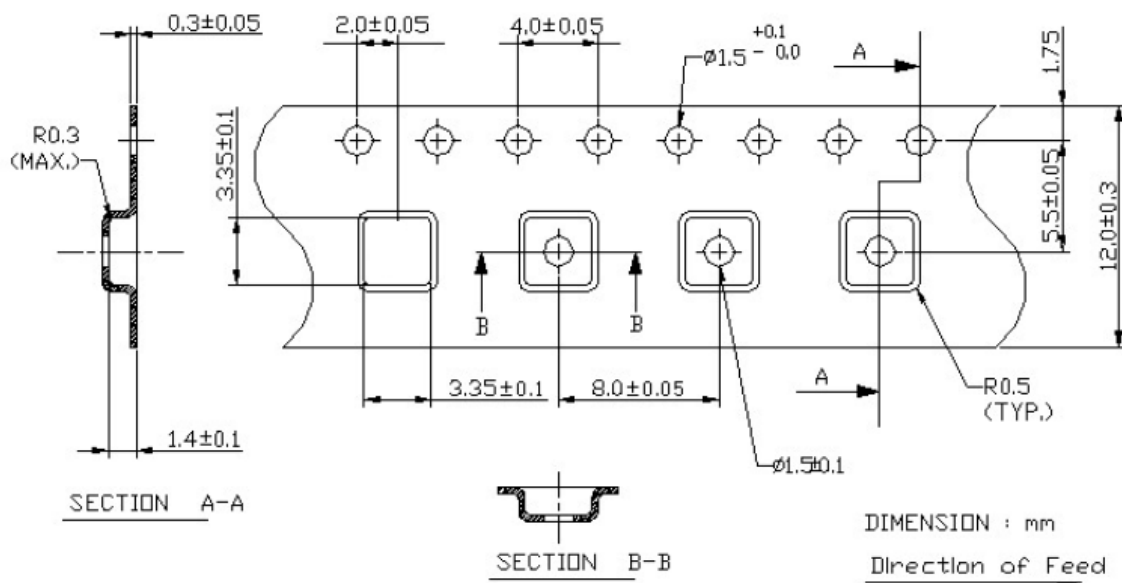
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G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



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H. RECOMMENDED REFLOW PROFILE:

