

SAW Filter 881.50MHz

Model: TA0572A

Part No: MA08477

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

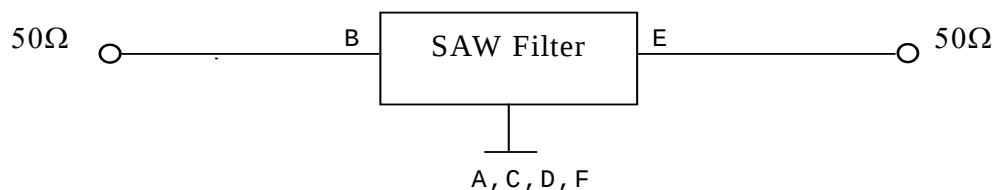
B. ELECTRICAL CHARACTERISTICS:

Characteristics	Min.	Typ.	Max.
Center frequency Fc (dB)	-	881.5	-
Insertion loss within 869 ~ 894MHz IL (dB)	-	2.5	3.2
Amplitude ripple (p-p) within 869 ~ 894MHz (dB)	-	1.4	2.2
Attenuation (Reference level from 0dB)			
10 ~ 800MHz (dB)	20.0	26	-
824 ~ 849MHz (dB)	35.0	38	-
939 ~ 1088MHz (dB)	28.0	30	-
1088 ~ 1119MHz (dB)	28.0	31	-
1119 ~ 2600MHz (dB)	20.0	32	-
VSWR within 869 ~ 894MHz	-	2	2.3
Source impedance Zs (Ω)	-	50	-
Load impedance Z _L (Ω)	-	50	-

Note: No matching network required for operation at 50Ω

C. MEASUREMENT CIRCUIT:

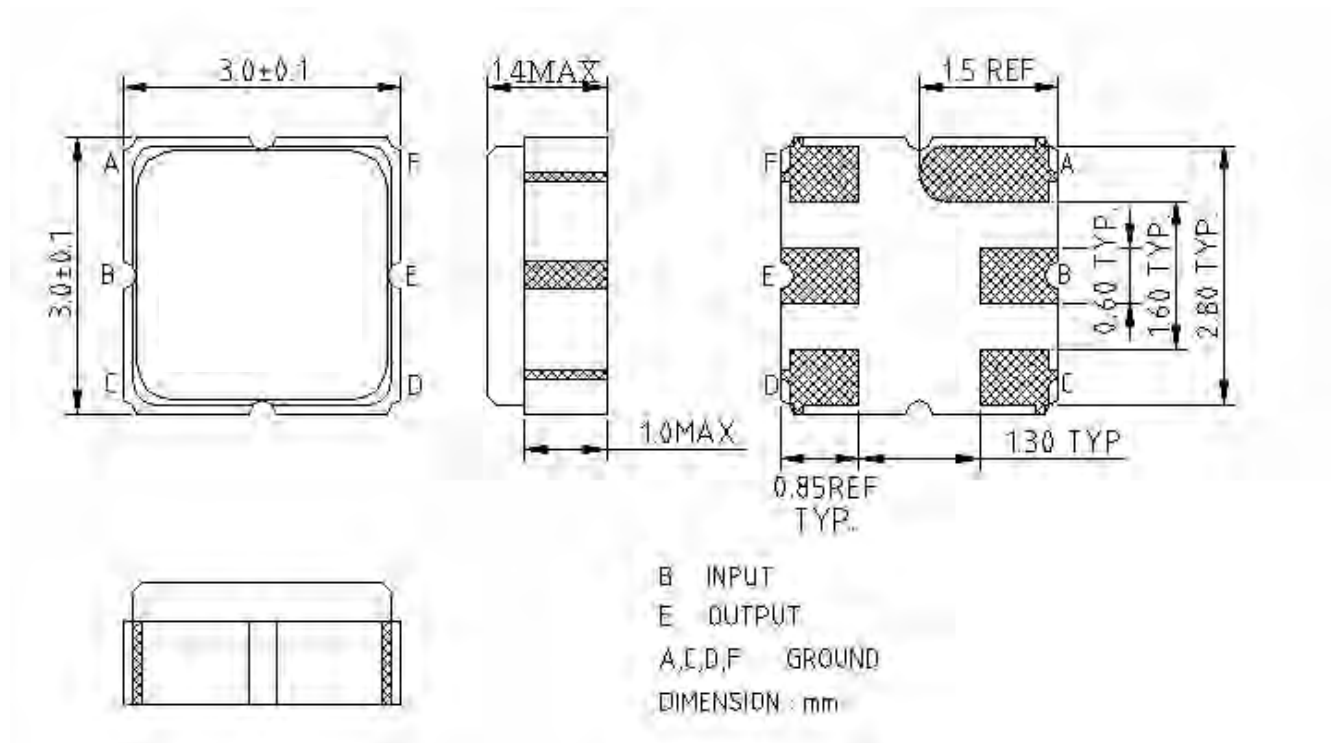
HP Network analyzer



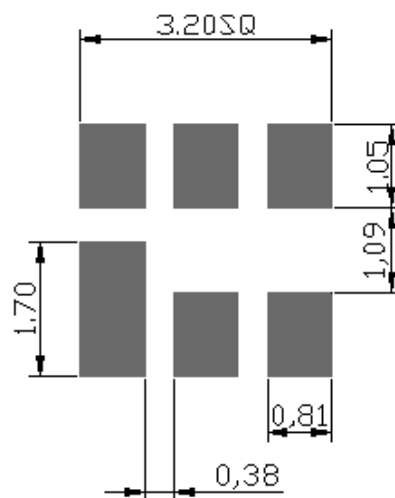
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D. OUTLINE DRAWING:



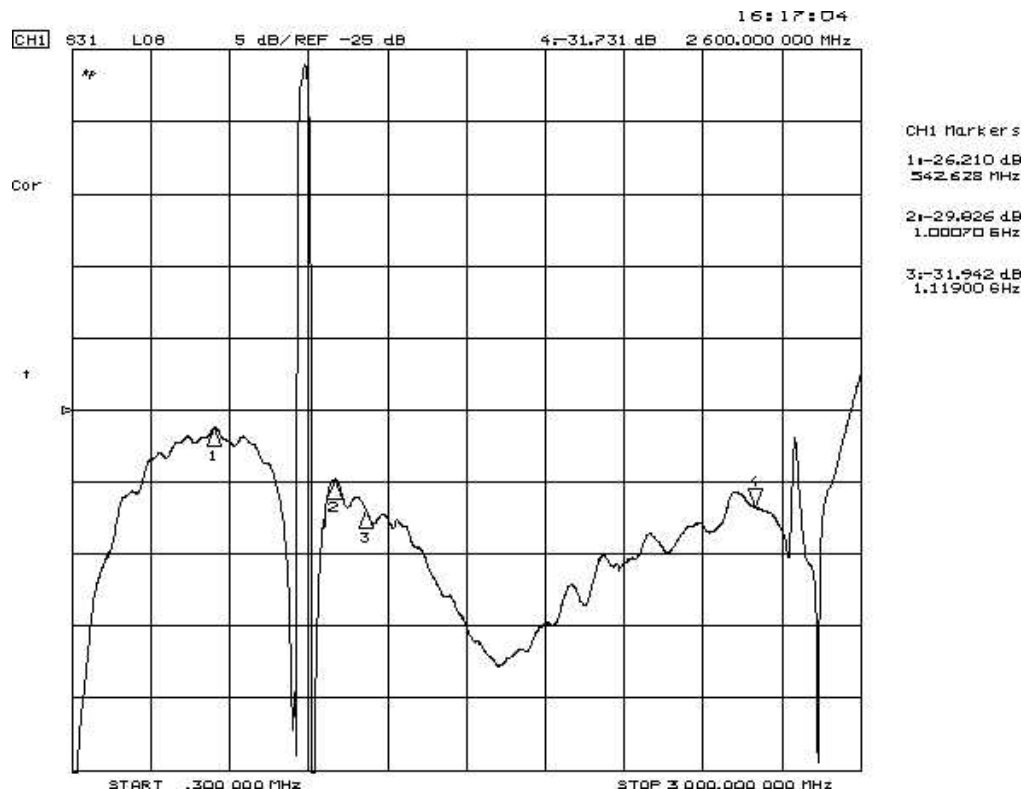
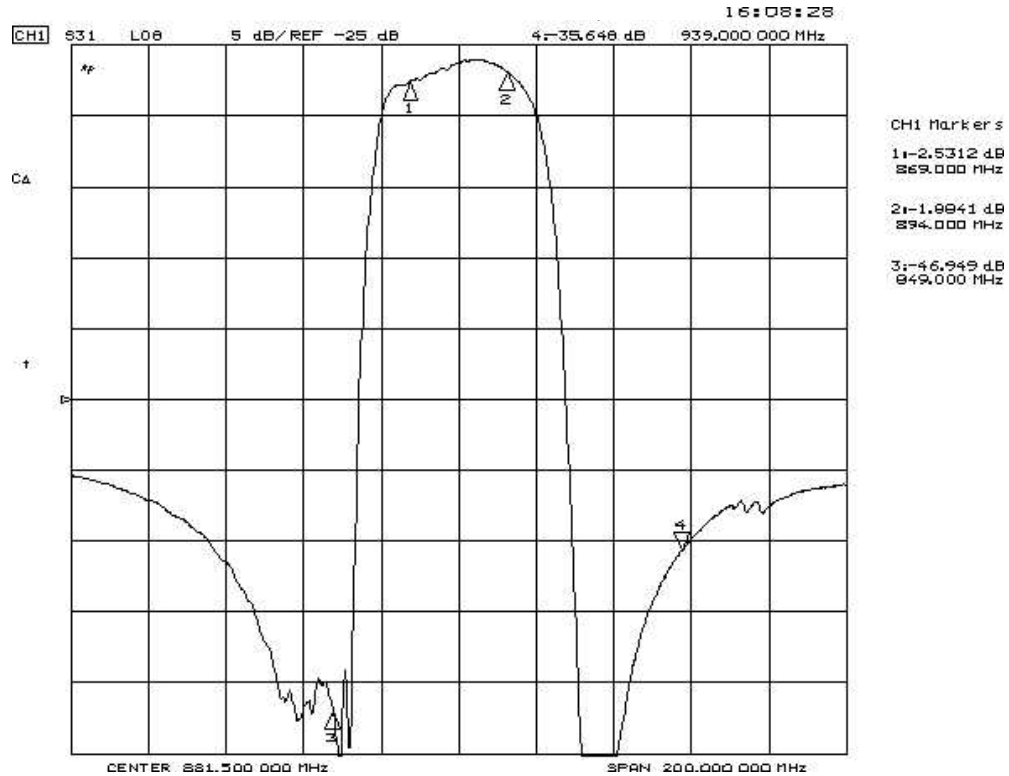
E. PCB FOOTPRINT:



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F. FREQUENCY CHARACTERISTICS:

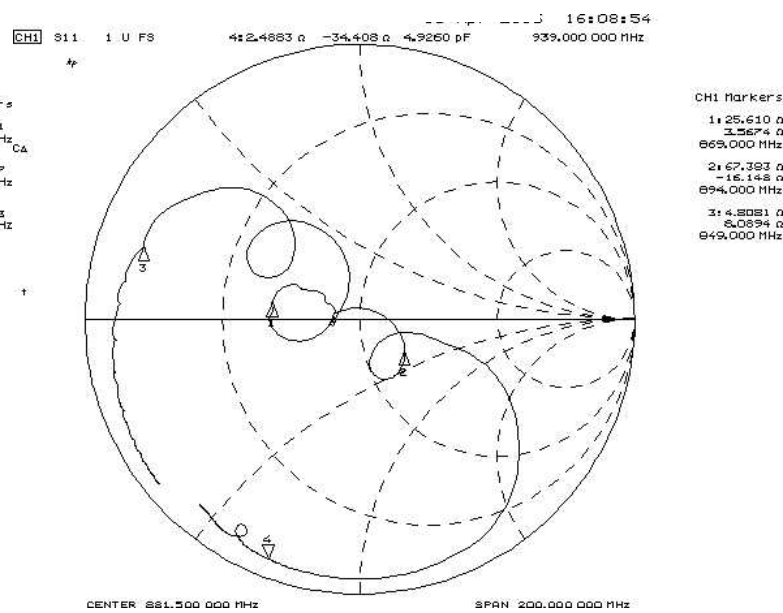
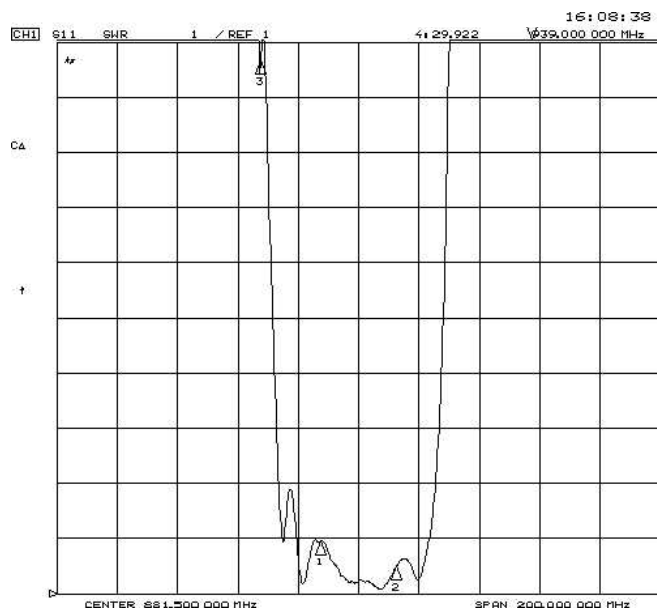


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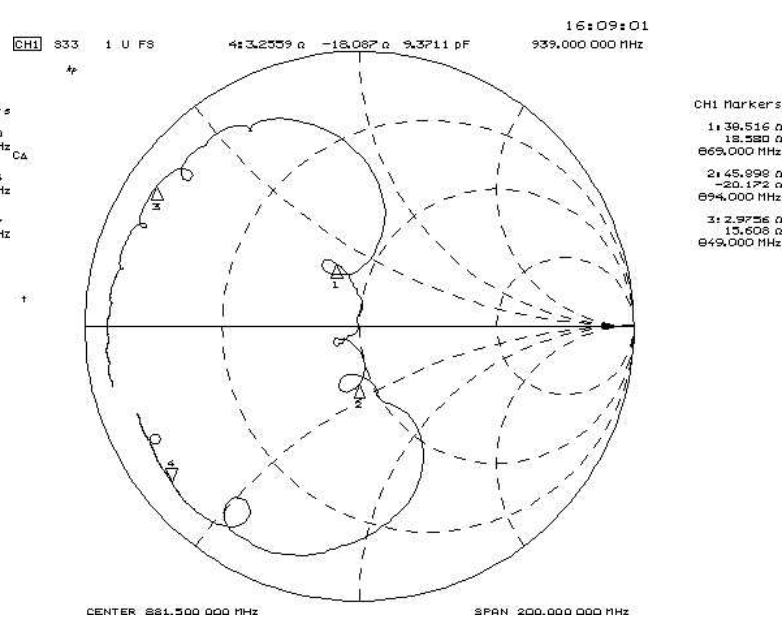
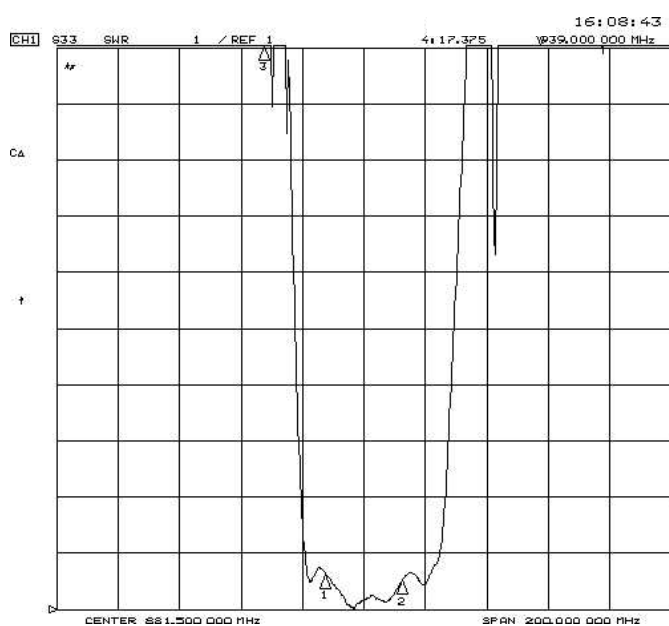
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Reflections Functions

S11 VSWR



S22 VSWR



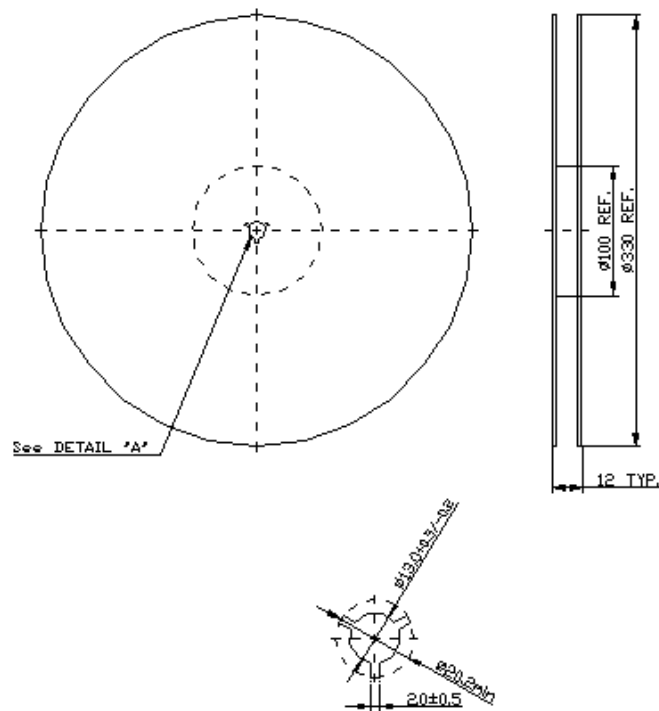
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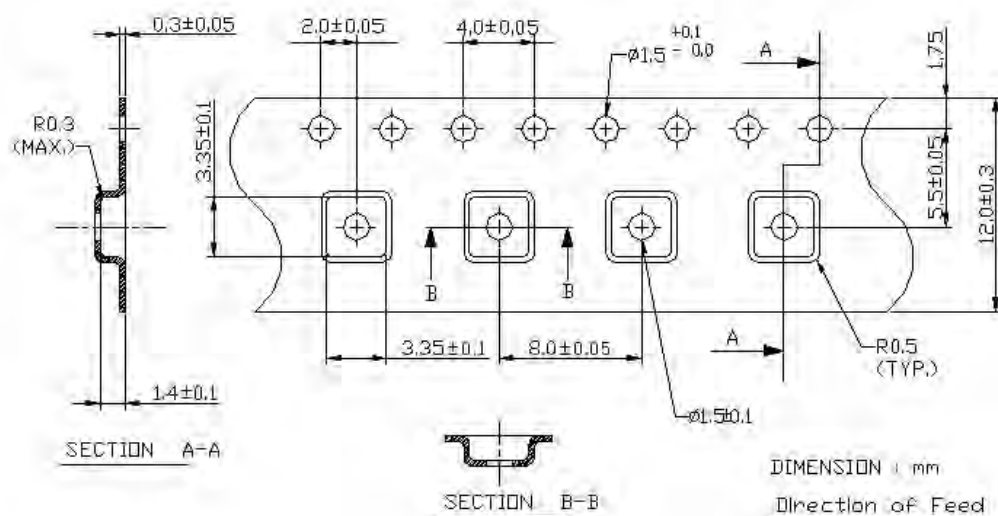
G. PACKING:

1. Reel Dimension

(Reel Count: 7" = 1000; 13" = 3000)



2. Tape Dimension



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H. RECOMMENDED REFLOW PROFILE:

