

SAW Filter 1472.0MHz

Model: TA0567A

Part No: MA08757

Rev No: 1

A. MAXIMUM RATING:

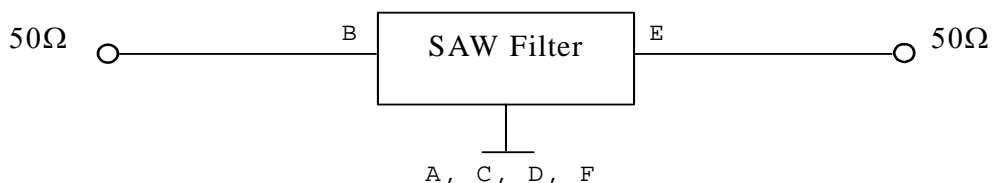
1. Input Power Level: 10dBm
2. DC Voltage: 3V
3. Operating Temperature: -20°C to +50°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.	Note
Center Frequency Fc	MHz	-	1472	-	-
Insertion Loss (1452 ~ 1492MHz) IL	dB	-	3.5	5	-
Amplitude Ripple (1452 ~ 1492MHz)	dB	-	1	2	-
Relative Attenuation (relative to 0dB)					
1230 ~ 1330MHz	dB	40	55	-	-
1570 ~ 1670MHz	dB	30	47	-	-
1670 ~ 1715MHz	dB	36	48	-	-

C. MEASUREMENT CIRCUIT:

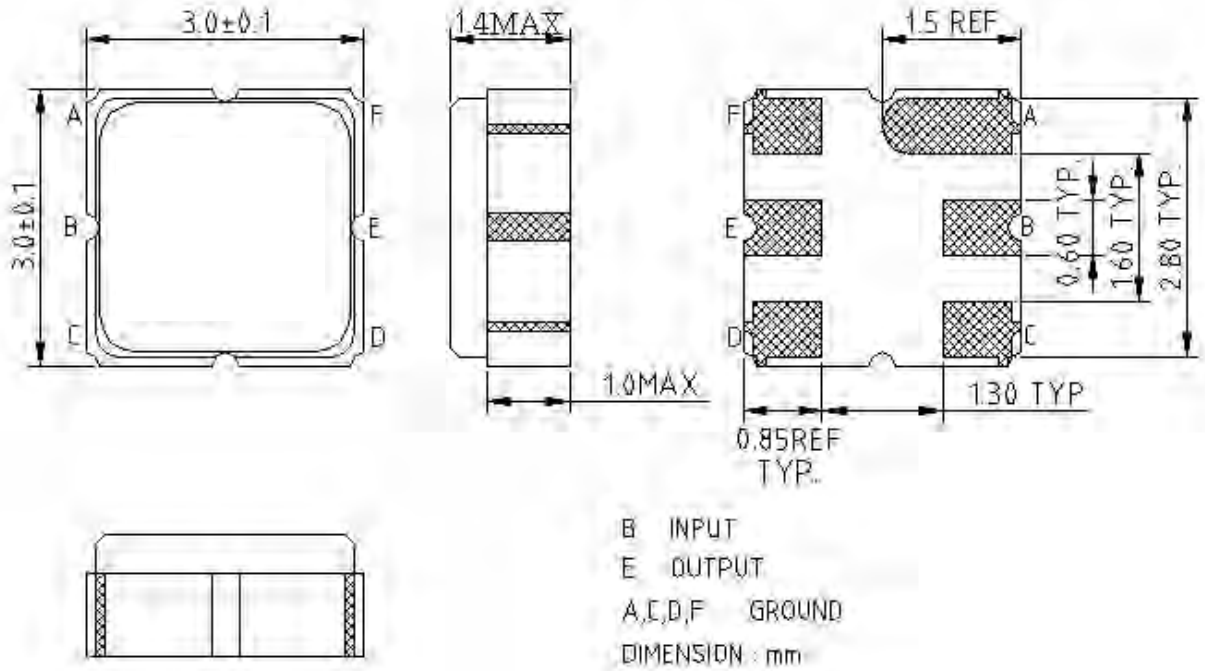
HP Network analyzer



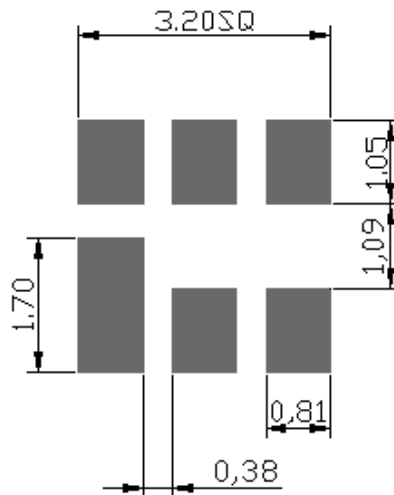
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D. OUTLINE DRAWING:



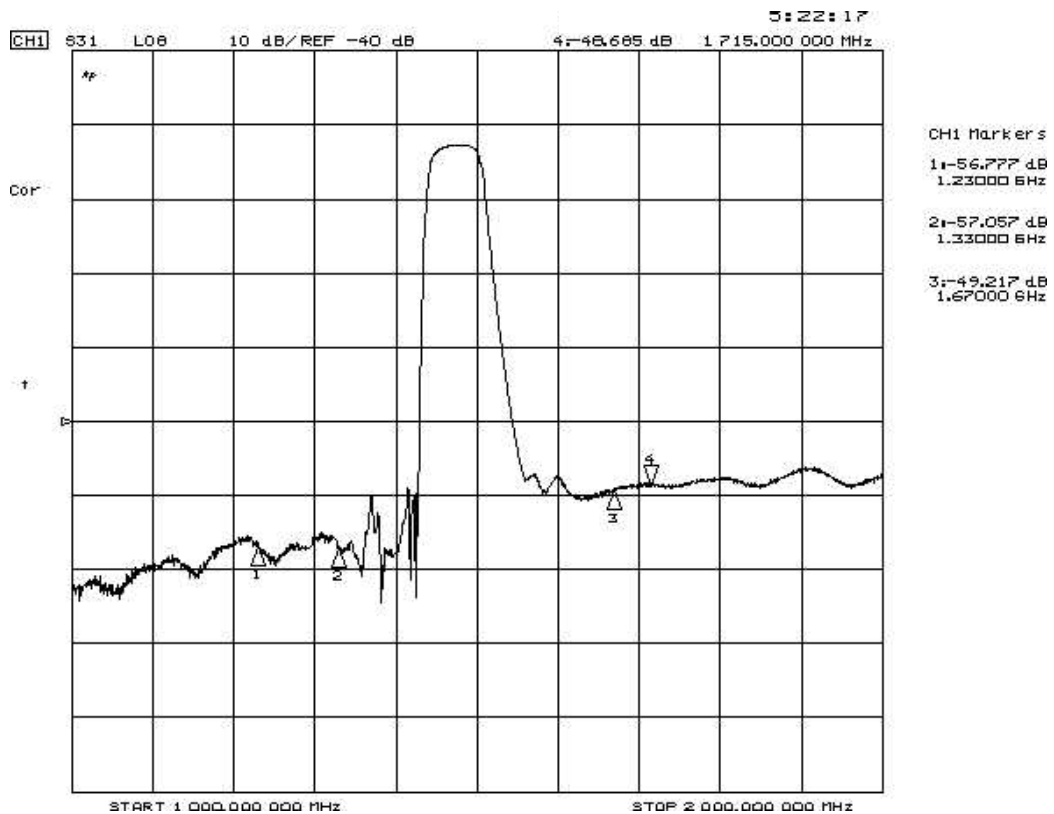
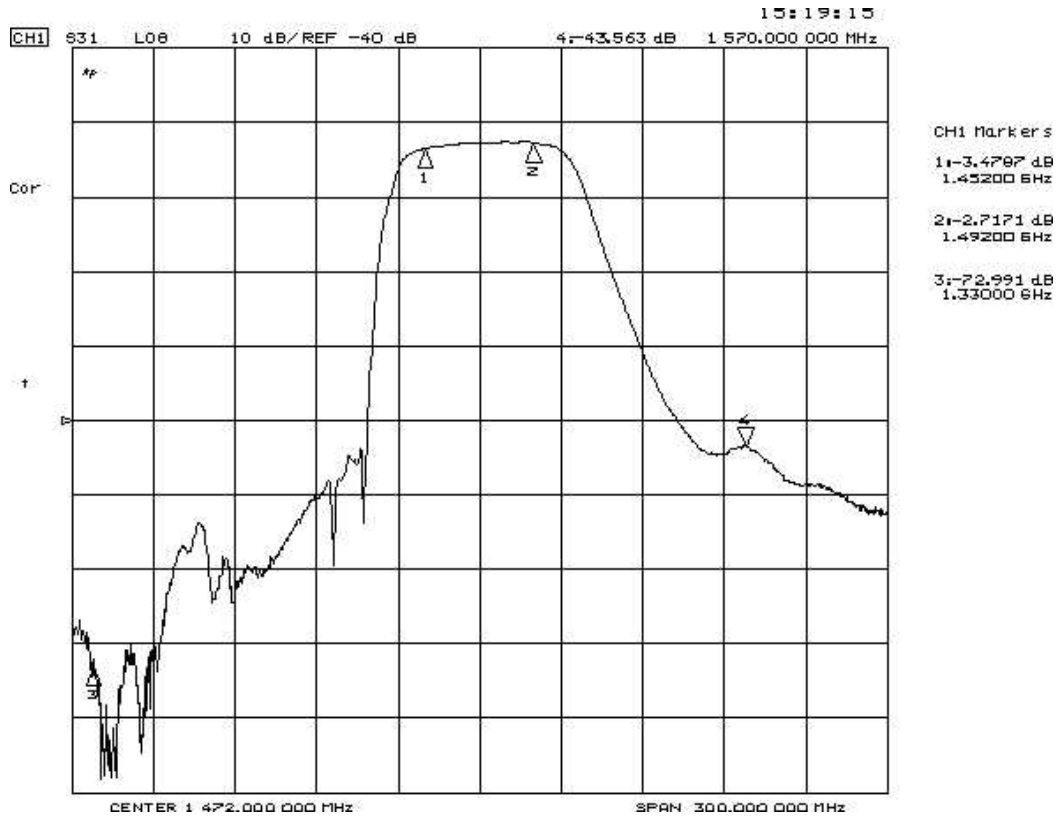
E. PCB FOOTPRINT:



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F. FREQUENCY CHARACTERISTICS:

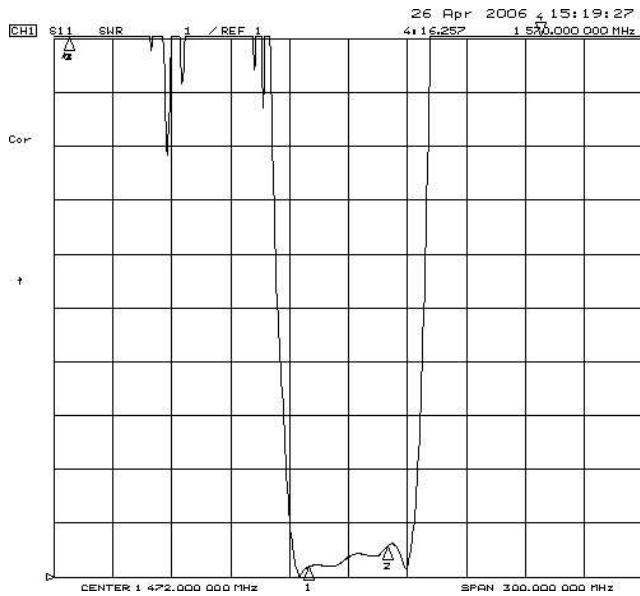


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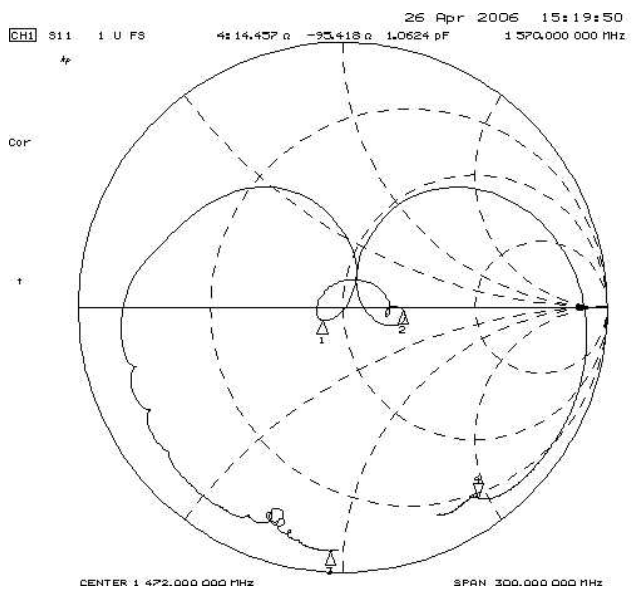
Reflections Functions

S11 VSWR



CHI Markers

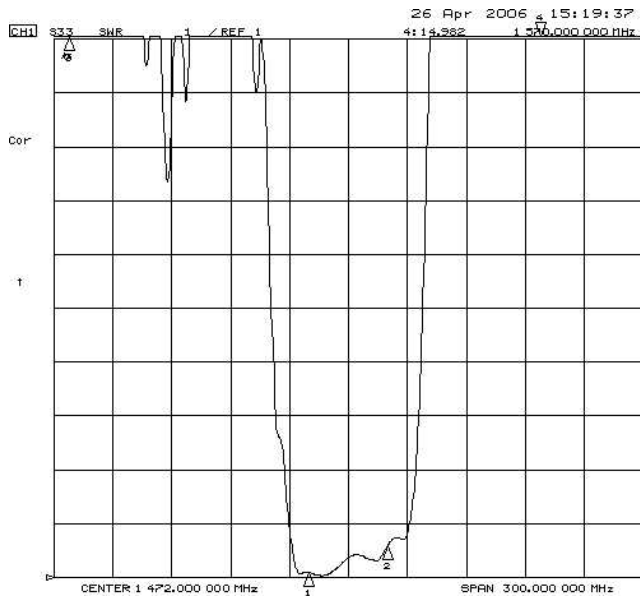
1:	1.1983	1.45200 GHz
2:	1.5899	1.49200 GHz
3:	23.828	1.33000 GHz



CHI Markers

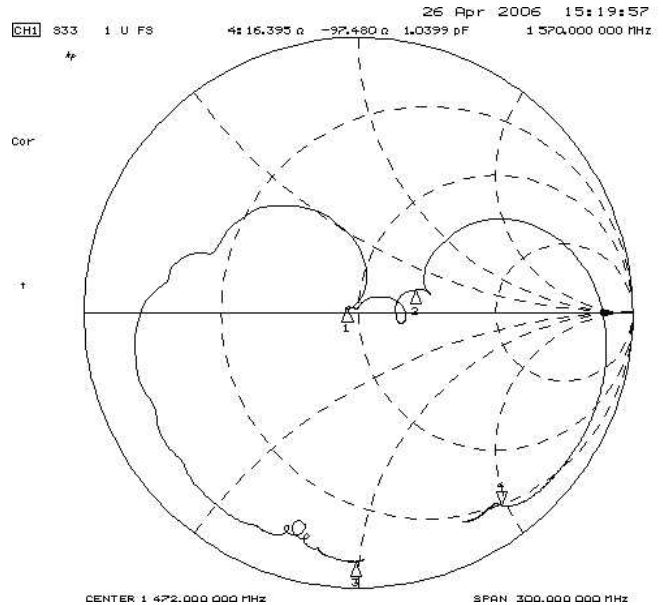
1:	42.736 0	-4.1738 0	1.45200 GHz
2:	79.492 0	-1.5000 0	1.49200 GHz
3:	3.9883 0	-47.373 0	1.33000 GHz

S22 VSWR



CHI Markers

1:	1.0932	1.45200 GHz
2:	1.5927	1.49200 GHz
3:	19.920	1.33000 GHz



CHI Markers

1:	46.193 0	1.9512 0	1.45200 GHz
2:	75.555 0	13.379 0	1.49200 GHz
3:	4.9375 0	-49.309 0	1.33000 GHz

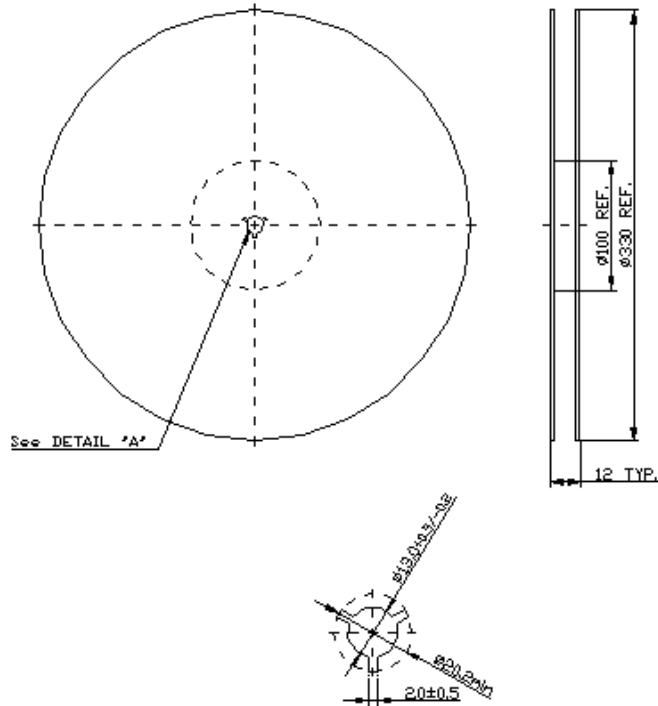
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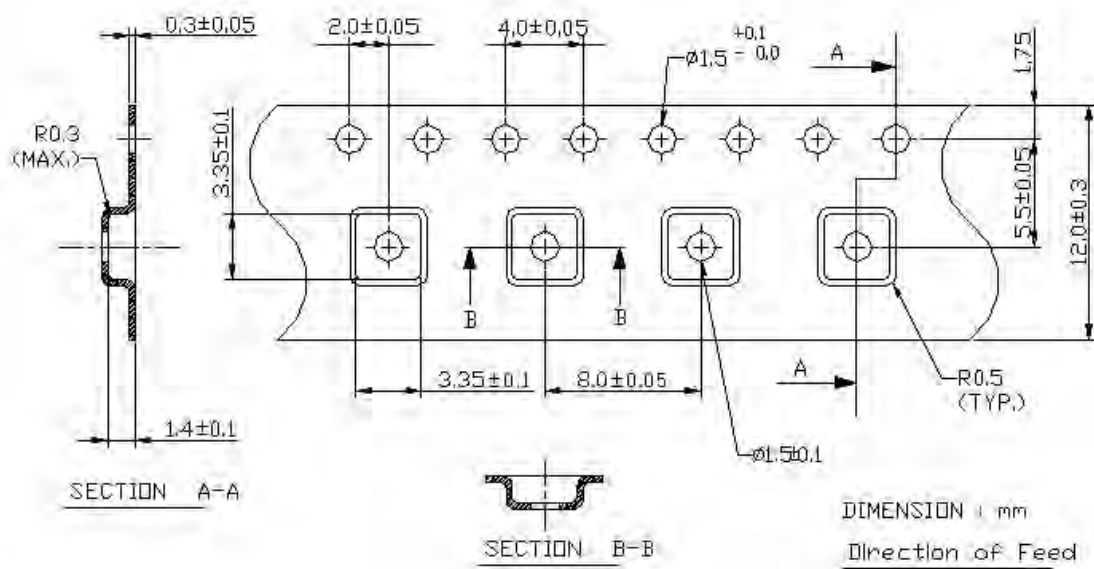
G. PACKING:

1. Reel Dimension

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



2. Tape Dimension



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H. RECOMMENDED REFLOW PROFILE:

