

SAW Filter 906.0MHz
Part No: MA08695

Model: TA0563A
Rev No: 1

A. MAXIMUM RATING:

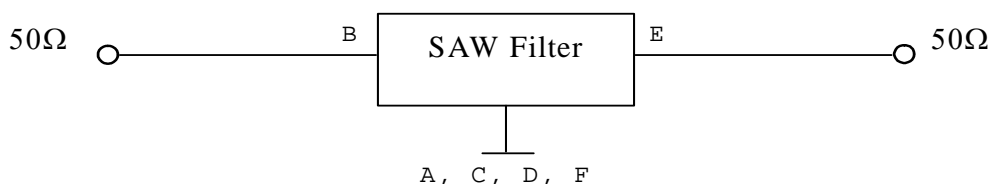
1. Input Power Level: 10dBm
2. DC Voltage: 3V
3. Operating Temperature: -20°C to +70°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Type.	Max.	Note
Center Frequency Fc	MHz	-	906	-	-
Insertion Loss (888 ~ 924MHz) IL	dB	-	2.3	4.1	-
Amplitude Ripple (888 ~ 924MHz)	dB	-	0.8	2.4	-
Return Loss (888 ~ 924MHz)	dB	7	11.3	-	-
Relative Attenuation (relative to 0dB)					
D.C. ~ 810MHz	dB	40	64	-	-
810 ~ 850MHz	dB	20	51	-	-
942 ~ 960MHz	dB	15	25.5	-	-
960 ~ 1030MHz	dB	33	41	-	-
1030 ~ 1400MHz	dB	39	59	-	-
1400 ~ 2200MHz	dB	28	44	-	-

C. MEASUREMENT CIRCUIT:

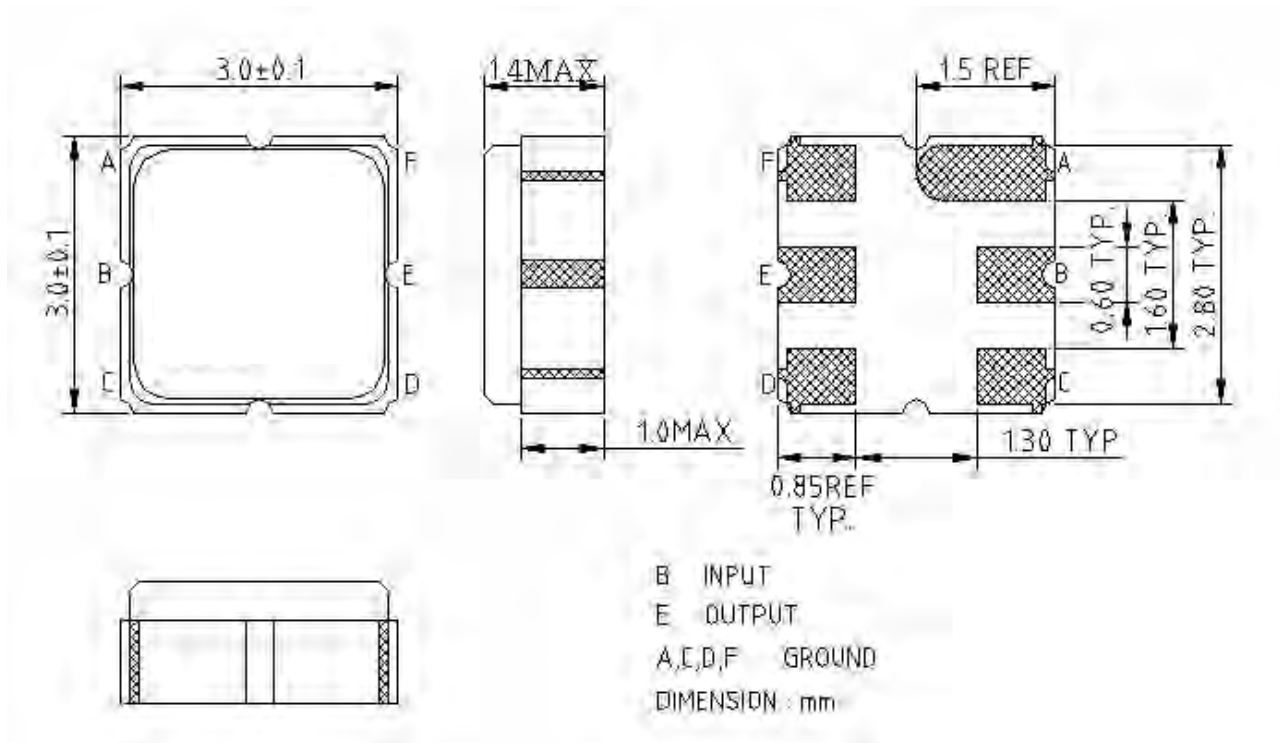
HP Network analyzer



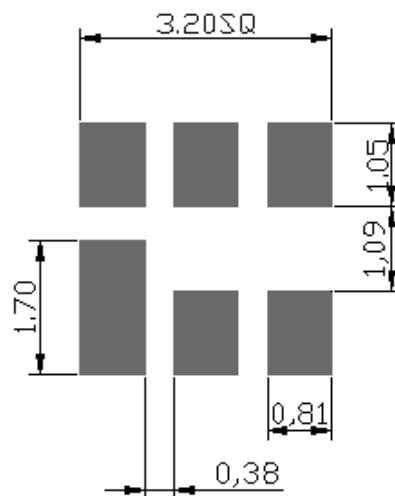
SAW Filter 906.0MHz
Part No: MA08695

Model: TA0563A
Rev No: 1

D. OUTLINE DRAWING:



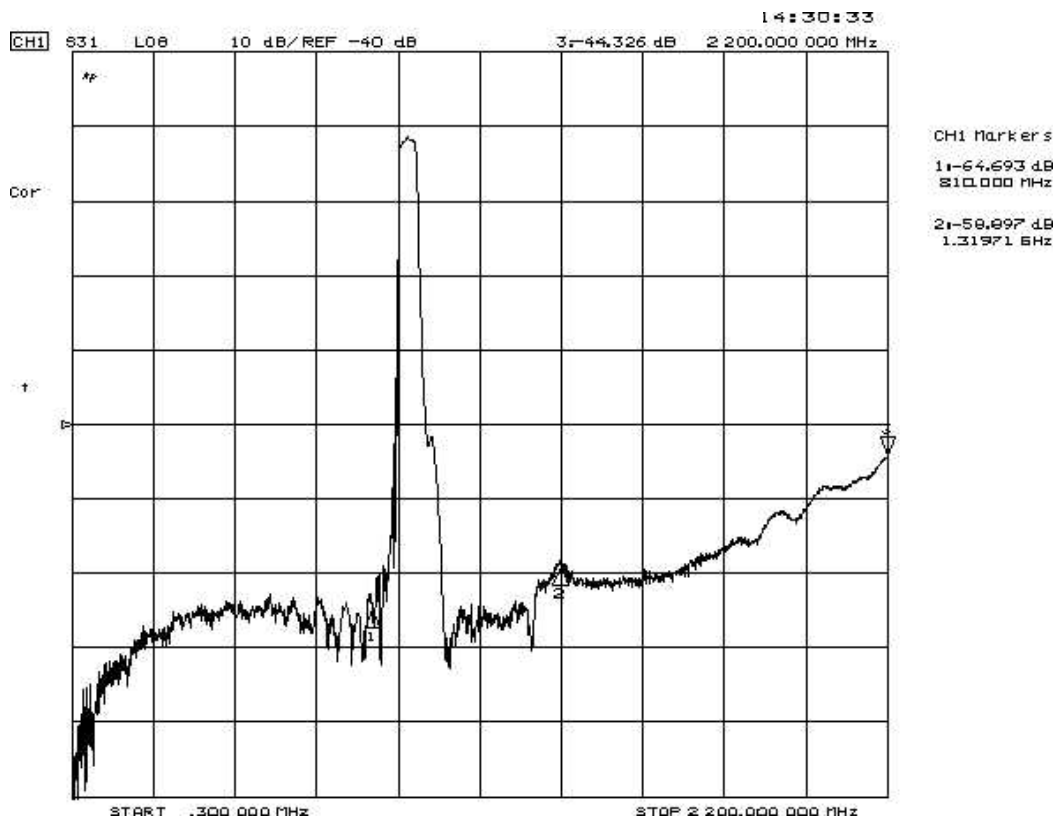
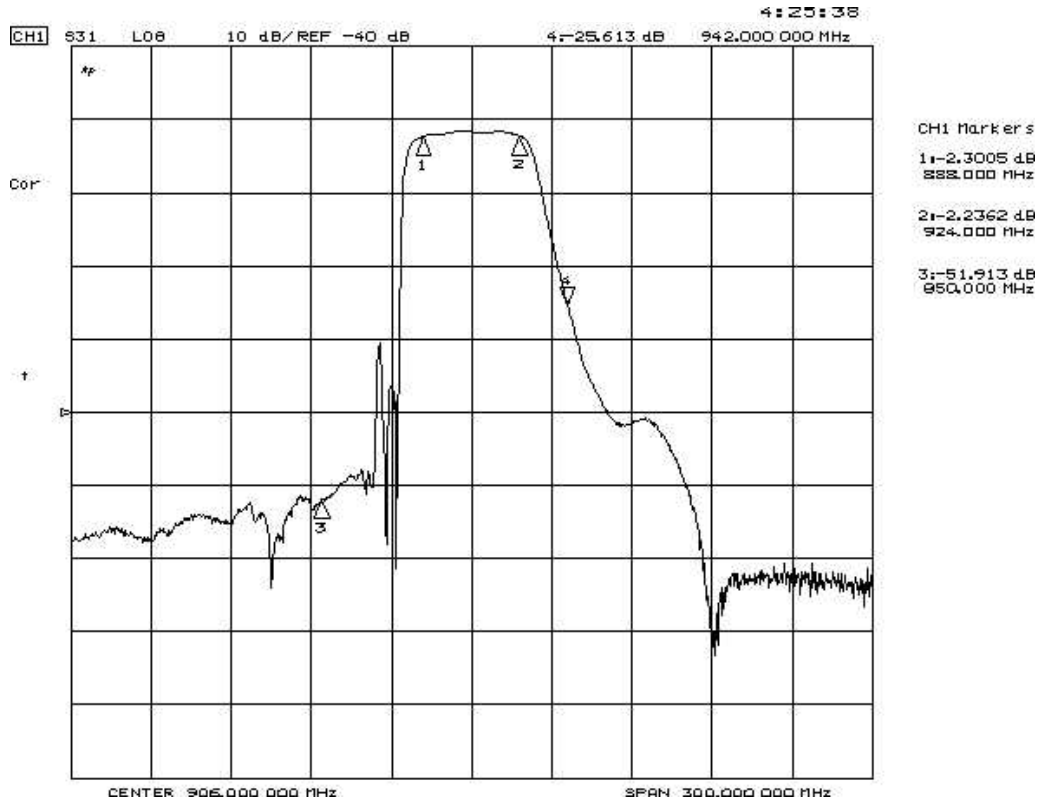
E. PCB FOOTPRINT:



SAW Filter 906.0MHz
Part No: MA08695

Model: TA0563A
Rev No: 1

F. FREQUENCY CHARACTERISTICS:

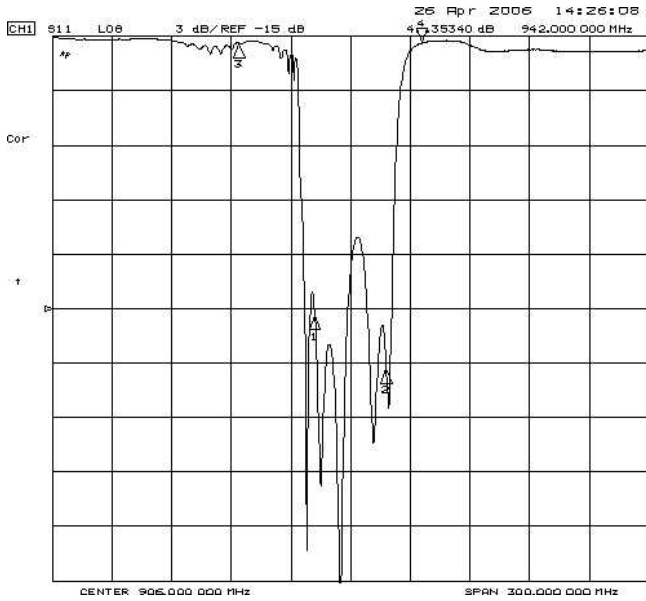


SAW Filter 906.0MHz
Part No: MA08695

Model: TA0563A
Rev No: 1

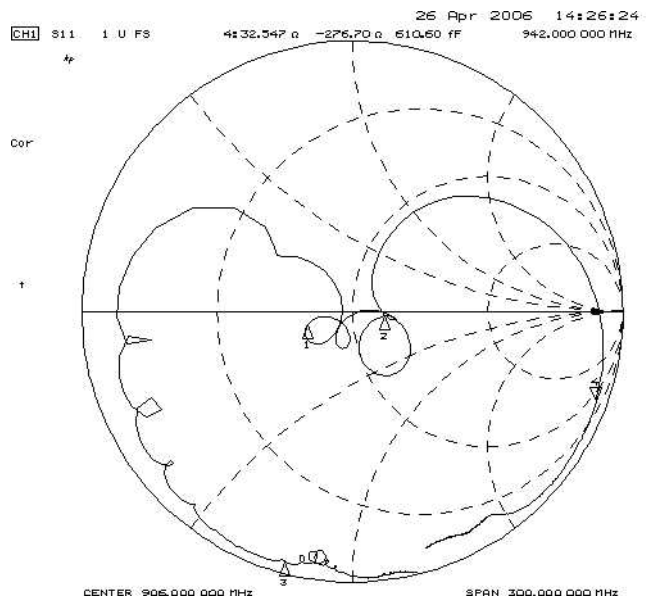
Reflections Functions

S11 VSWR



CHI Markers

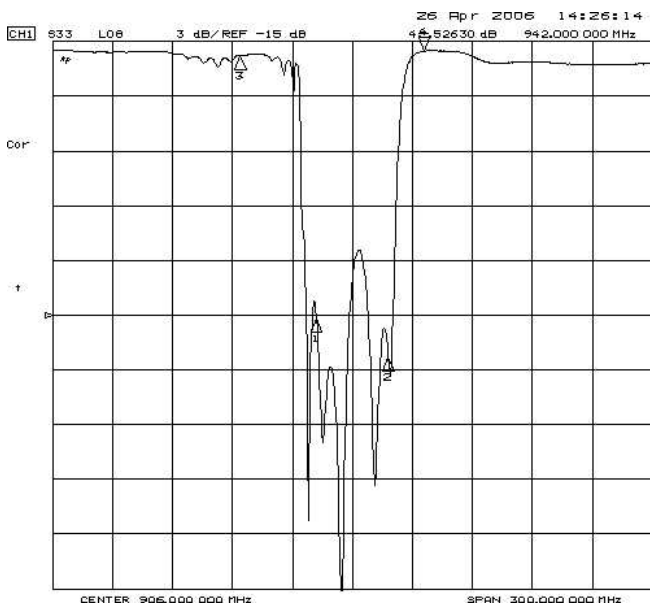
1	-15.383 dB	888.000 MHz
2	-16.309 dB	924.000 MHz
3	-37.720 dB	950.000 MHz



CHI Markers

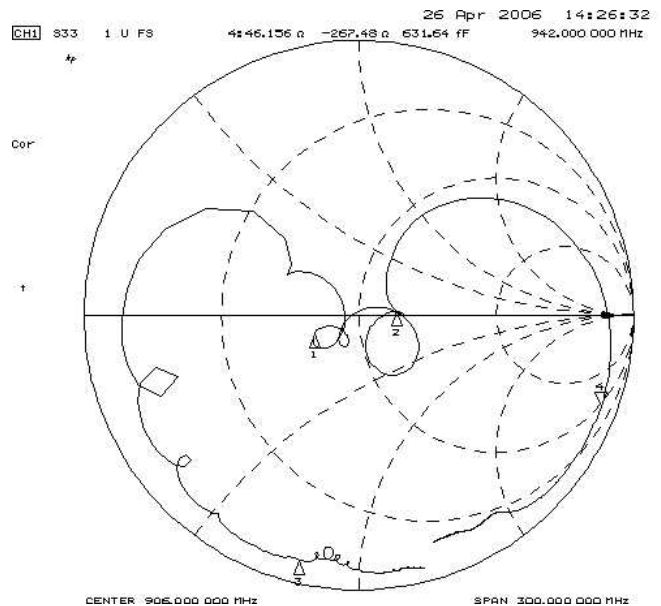
1	35.801 a	-3.5117 a	888.000 MHz
2	63.656 a	-1.8652 a	924.000 MHz
3	1.7188 a	-38.217 a	950.000 MHz

S22 VSWR



CHI Markers

1	-15.129 dB	888.000 MHz
2	-17.247 dB	924.000 MHz
3	-27.353 dB	950.000 MHz



CHI Markers

1	35.795 a	-4.9219 a	888.000 MHz
2	65.828 a	1.8125 a	924.000 MHz
3	2.4434 a	-33.234 a	950.000 MHz

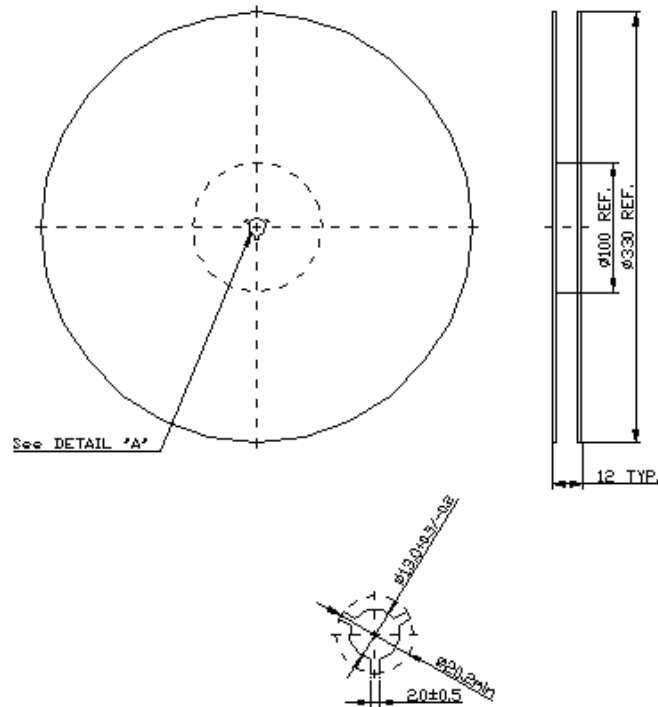
SAW Filter 906.0MHz
Part No: MA08695

Model: TA0563A
Rev No: 1

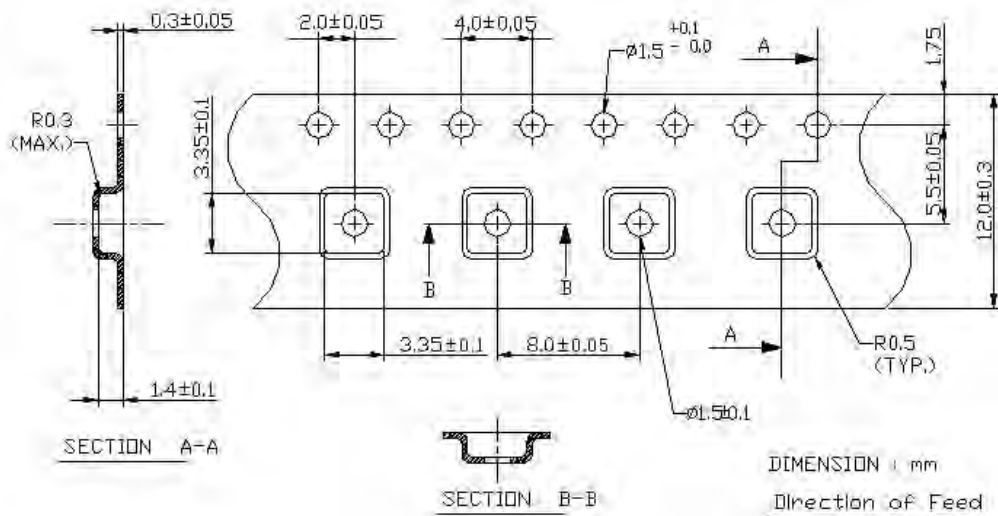
G. PACKING:

1. Reel Dimension

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



2. Tape Dimension



SAW Filter 906.0MHz
Part No: MA08695

Model: TA0563A
Rev No: 1

H. RECOMMENDED REFLOW PROFILE:

