

SAW Filter 960MHz
Part No: MP03081

Model: TA0564A
Rev No: 1

A. MAXIMUM RATING:

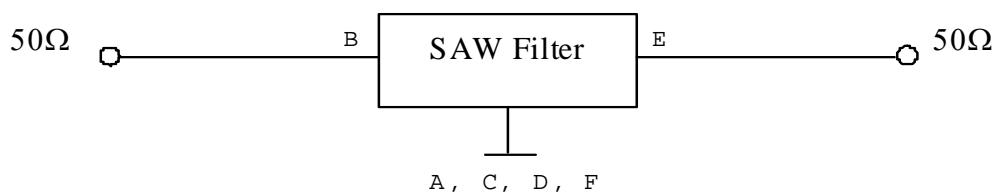
1. Input Power Level: 10dBm
2. DC Voltage: 3V
3. Operating Temperature: -20°C to +70°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.	Note
Center Frequency Fc	MHz	-	960	-	-
Insertion Loss (942 ~ 978MHz) IL	dB	-	2.8	4	-
Amplitude Ripple (942 ~ 978MHz)	dB	-	1.1	2.3	-
Return Loss (942 ~ 978MHz)	dB	8	14.1	-	-
Relative Attenuation (relative to 0dB)					
DC ~ 890MHz	dB	40	53	-	-
890 ~ 906MHz	dB	35	51	-	-
906 ~ 924MHz	dB	30	47	-	-
1030 ~ 1045MHz	dB	28	41	-	-
1045 ~ 1055MHz	dB	35	54	-	-
1055 ~ 1500MHz	dB	39	57	-	-
1500 ~ 2200MHz	dB	30	42.5	-	-

C. MEASUREMENT CIRCUIT:

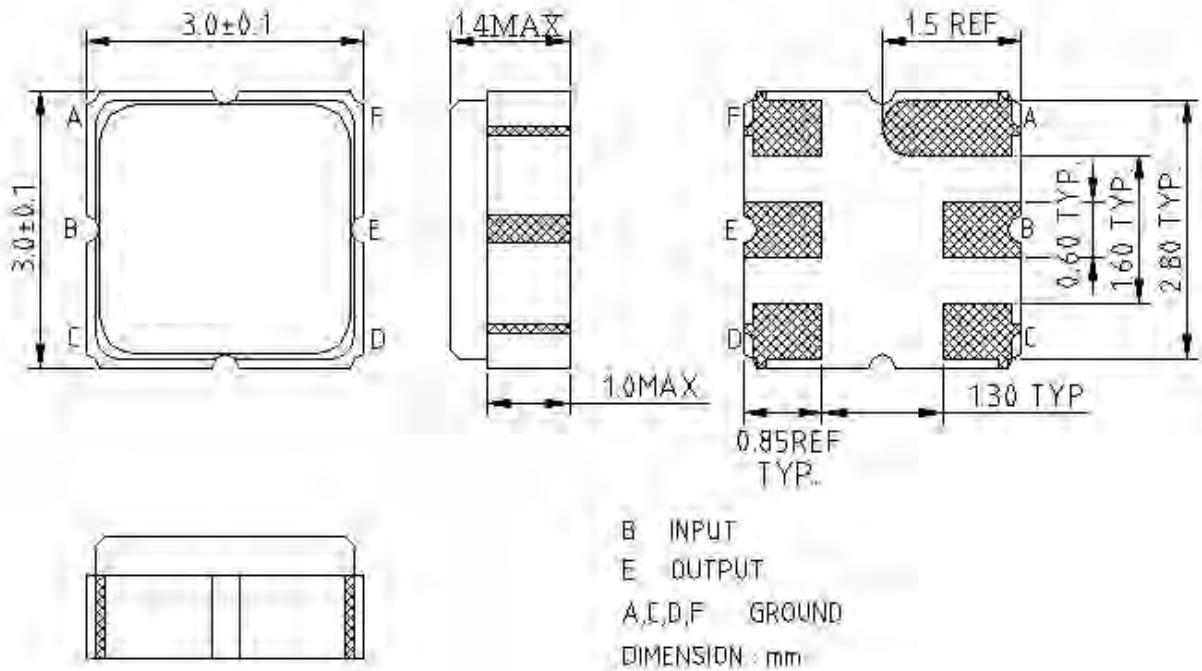
HP Network analyzer



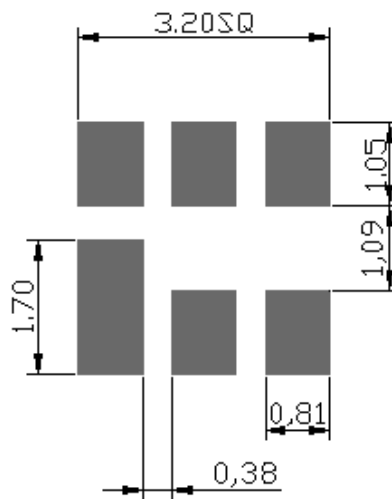
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D. OUTLINE DRAWING:



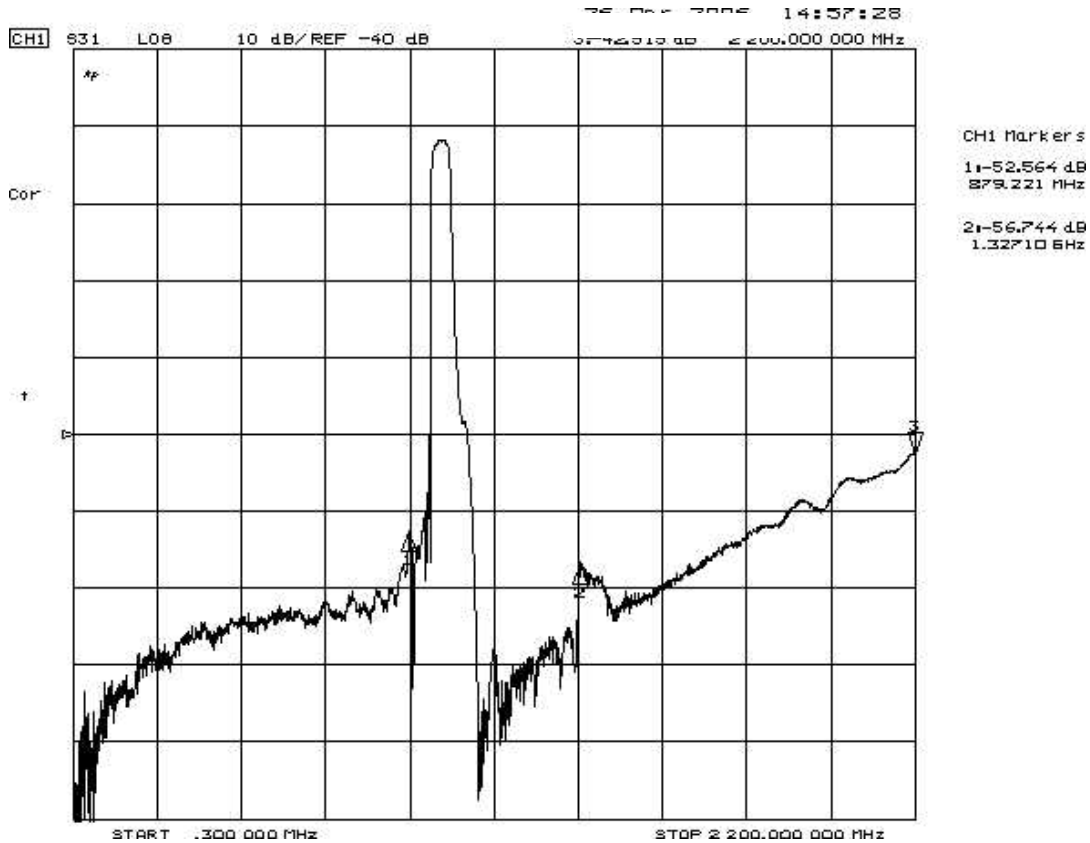
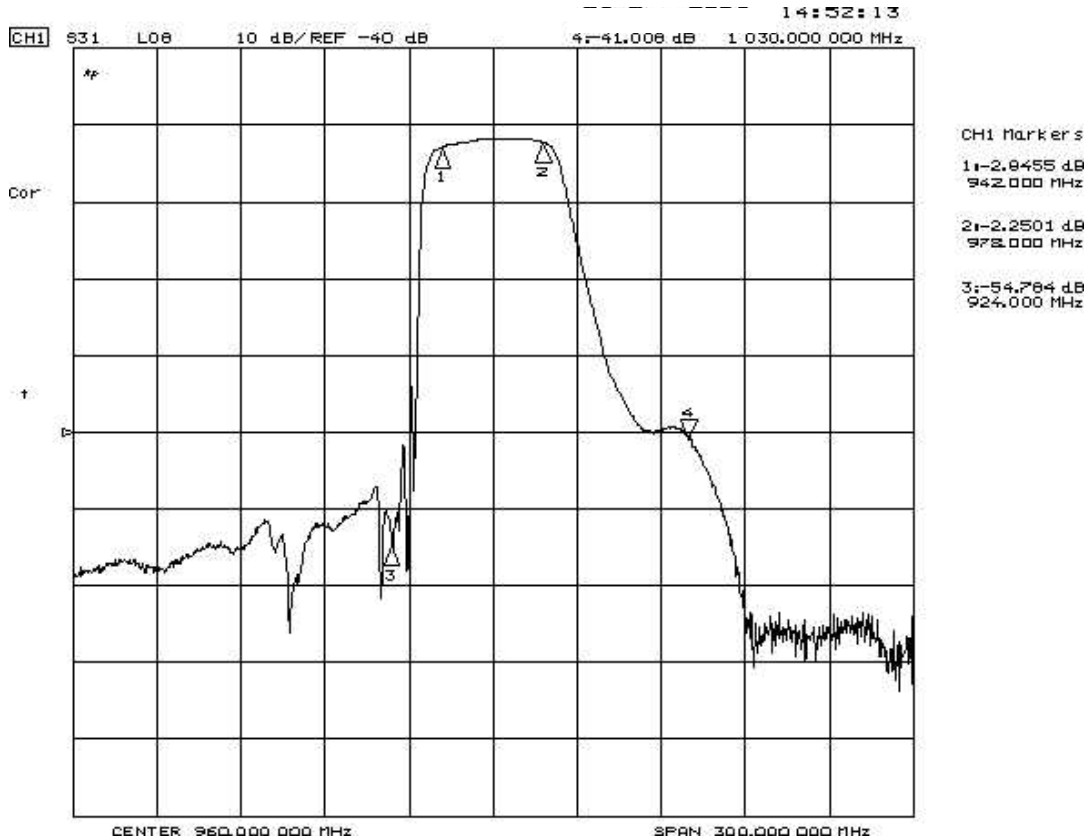
E. PCB FOOTPRINT:



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F. FREQUENCY CHARACTERISTICS:

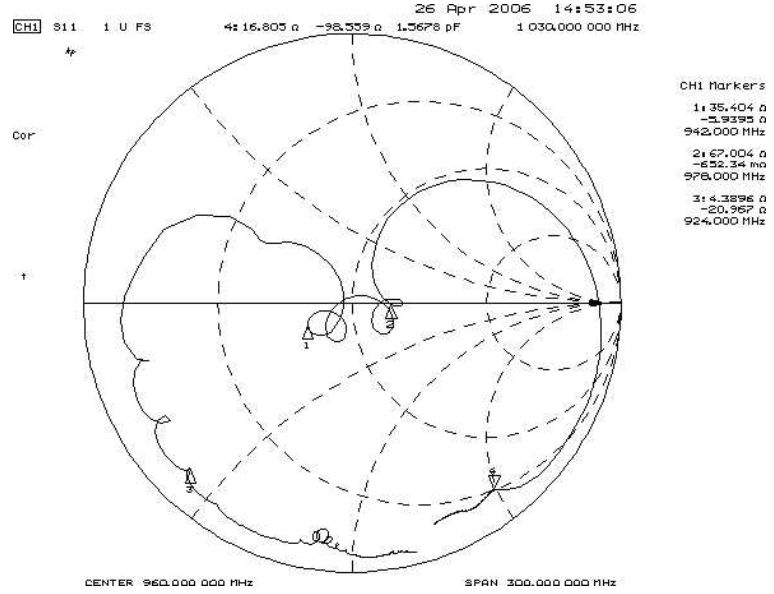
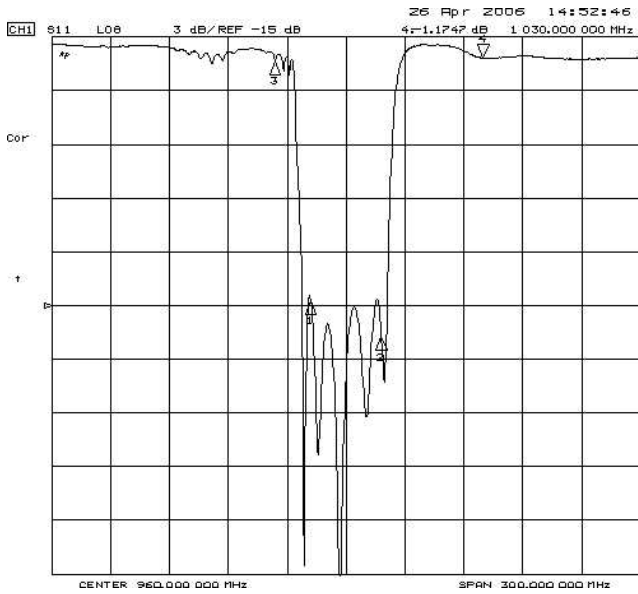


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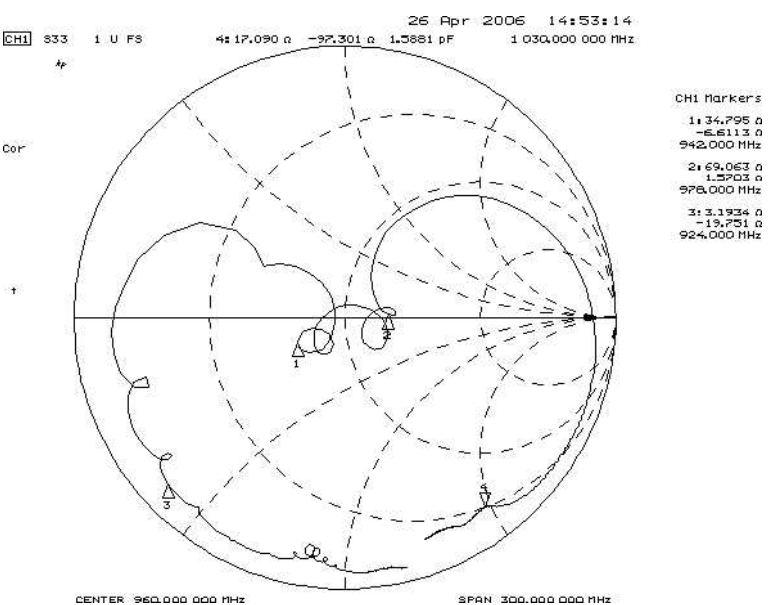
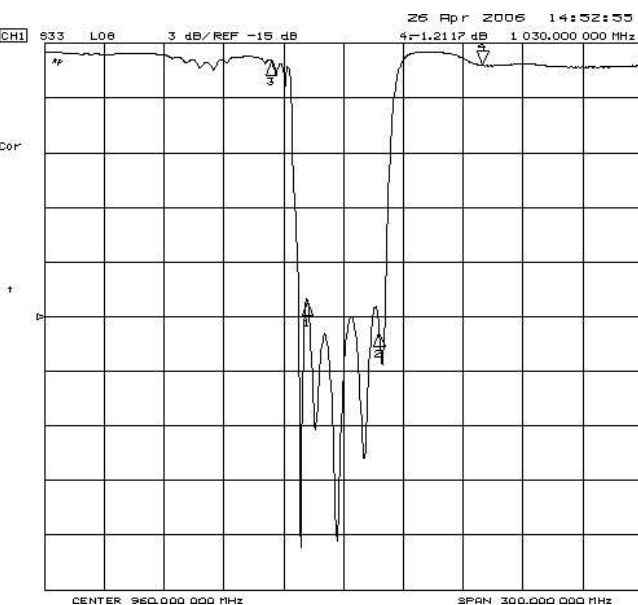
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Reflections Functions

S11 VSWR



S22 VSWR



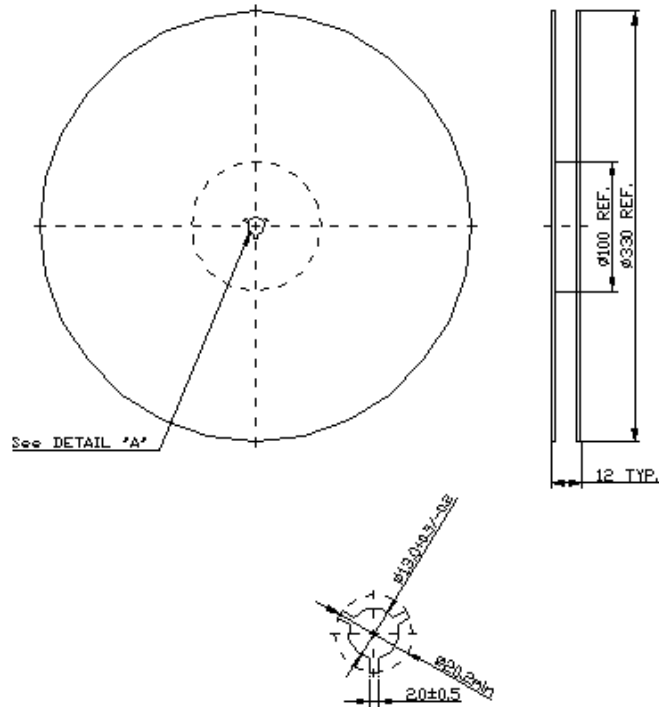
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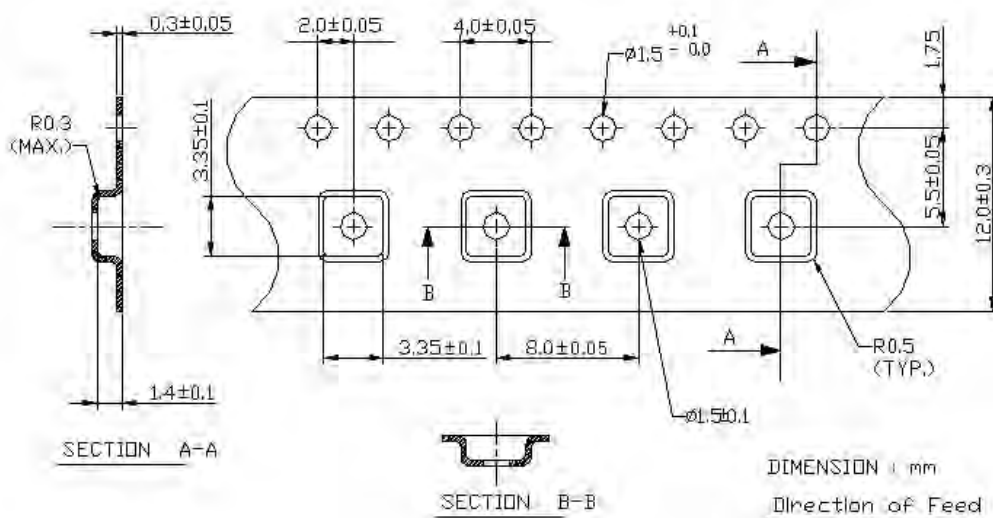
G. PACKING:

1. Reel Dimension

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



2. Tape Dimension



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H. RECOMMENDED REFLOW PROFILE:

