

978.0MHz SAW Filter

Model: **TA0689A**

Part No: **MP01109**

REV NO: 2

A. MAXIMUM RATING:

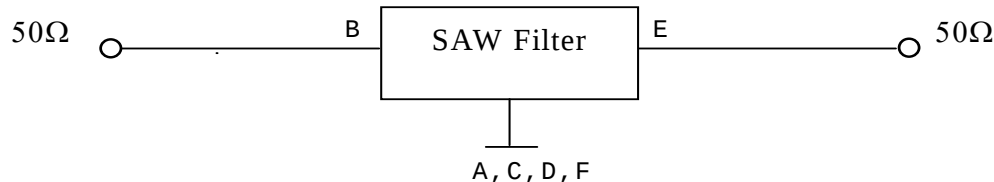
1. Input Power Level: 20 dBm
2. DC Voltage : 3V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Type.	Max.	Note
Center Frequency Fc	MHz	-	978	-	-
Insertion Loss (975.5 ~ 980.5 MHz) IL	dB	-	3	3.5	-
Amplitude Ripple (975.5 ~ 980.5 MHz)	dB	-	0.1	1.2	-
VSWR (975.5 ~ 980.5 MHz)		-	1.6	2.4	-
Attenuation (Reference level from 0 dB)					
D.C ~ 950 MHz	dB	40	58	-	-
1000 ~ 1020 MHz	dB	30	38	-	-
1020 ~ 1500 MHz	dB	40	56	-	-
1500 ~ 2000 MHz	dB	30	50	-	-

C. MEASUREMENT CIRCUIT:

HP Network analyzer



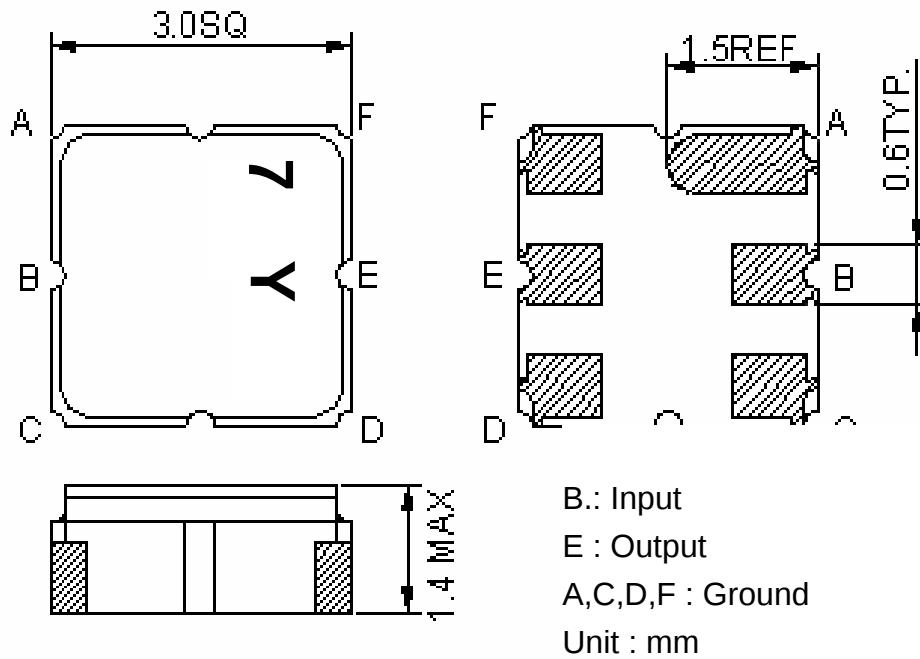
978.0MHz SAW Filter

Model: TA0689A

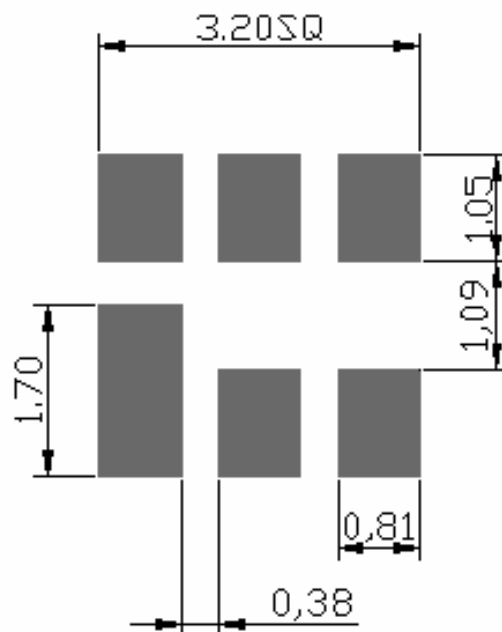
Part No: MP01109

REV NO: 2

D. OUTLINE DRAWING:



E. PCB FOOTPRINT:



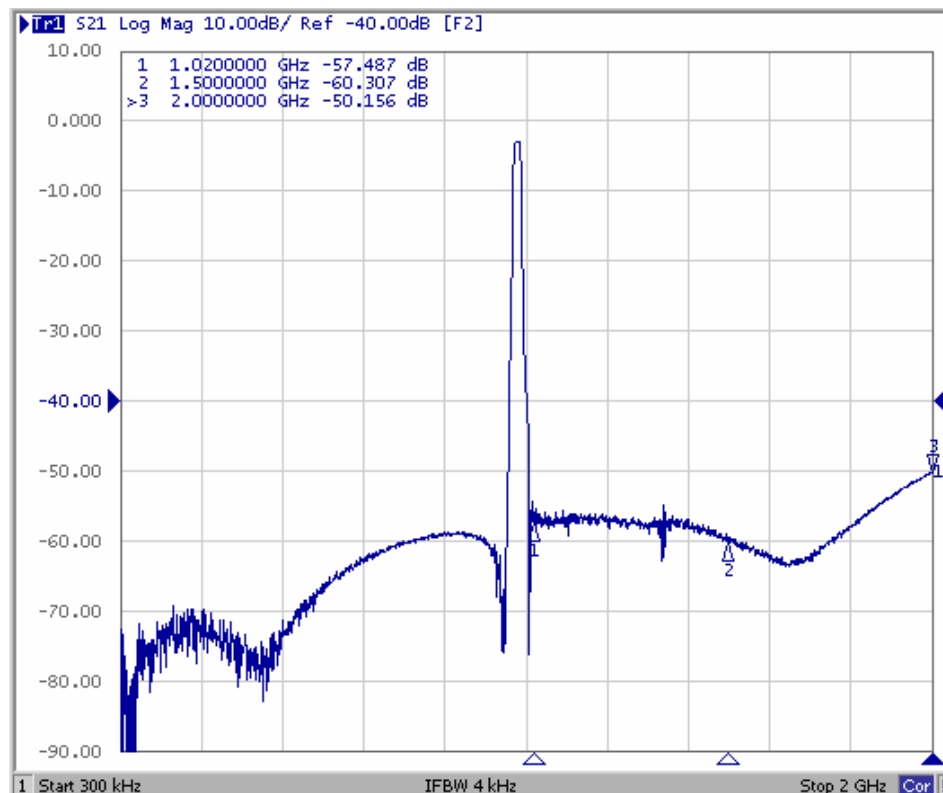
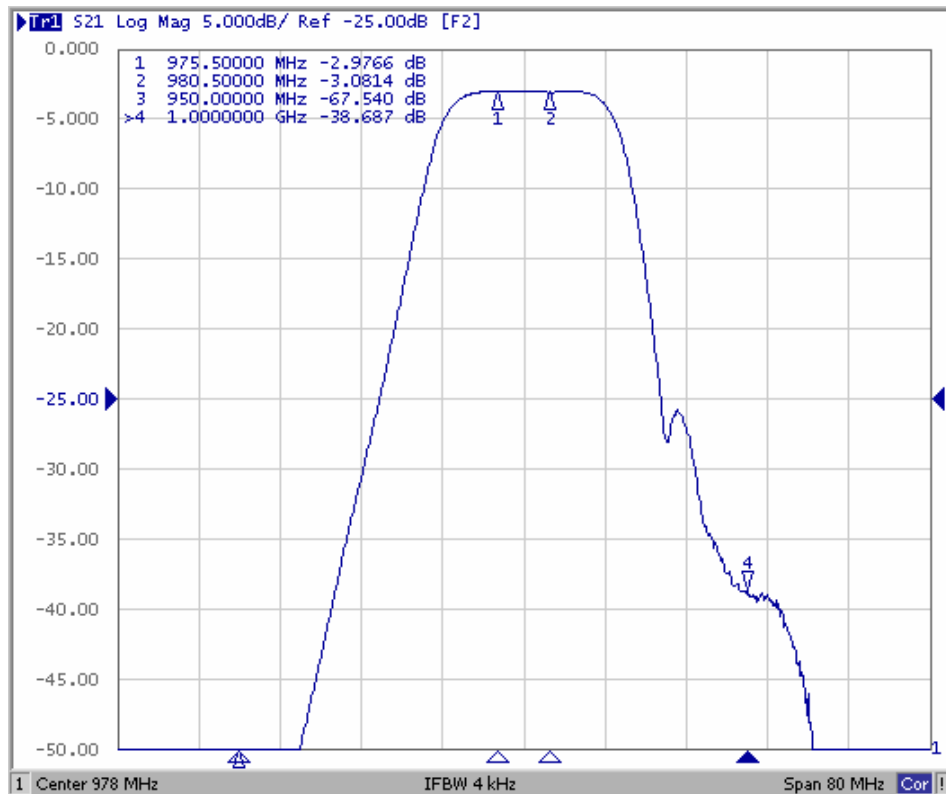
978.0MHz SAW Filter

Model: TA0689A

Part No: MP01109

REV NO: 2

F. FREQUENCY CHARACTERISTICS:



978.0MHz SAW Filter

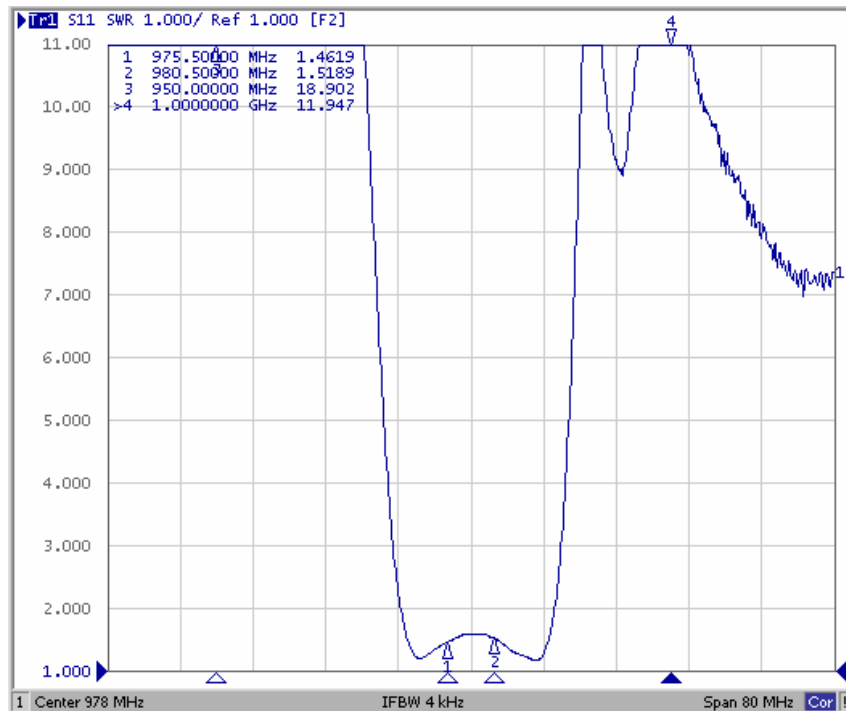
Model: TA0689A

Part No: MP01109

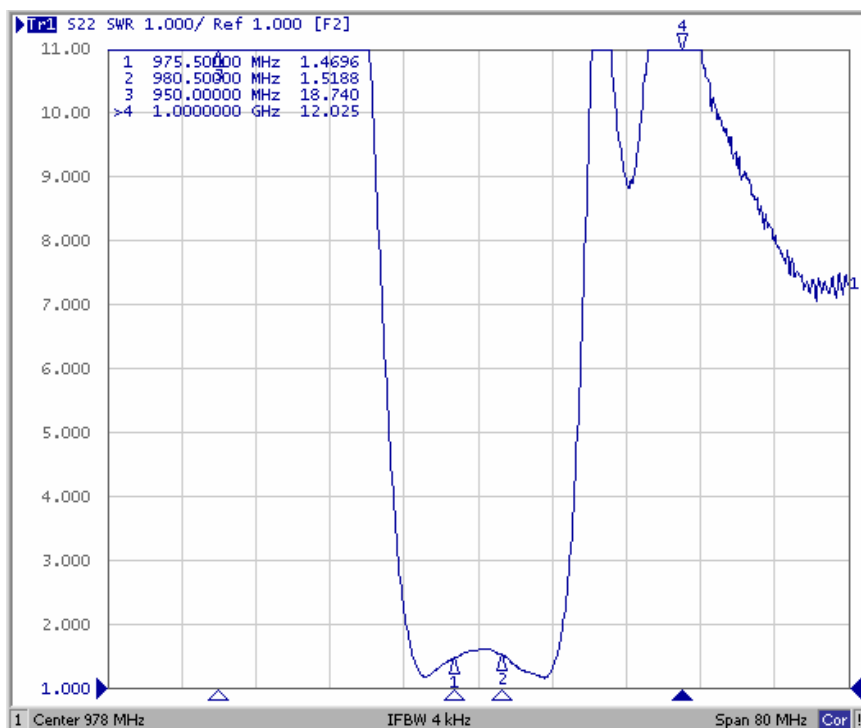
REV NO: 2

Reflection Functions :

S11



S22



978.0MHz SAW Filter

Model: TA0689A

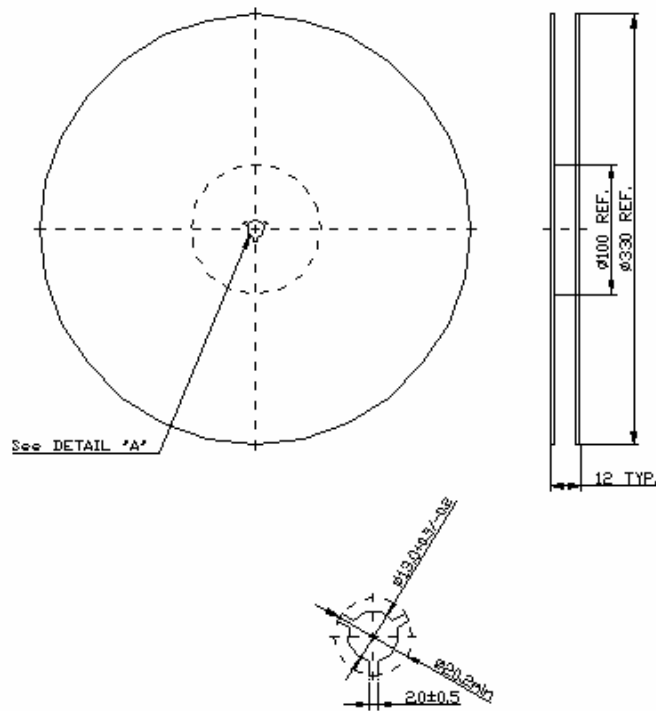
Part No: MP01109

REV NO: 2

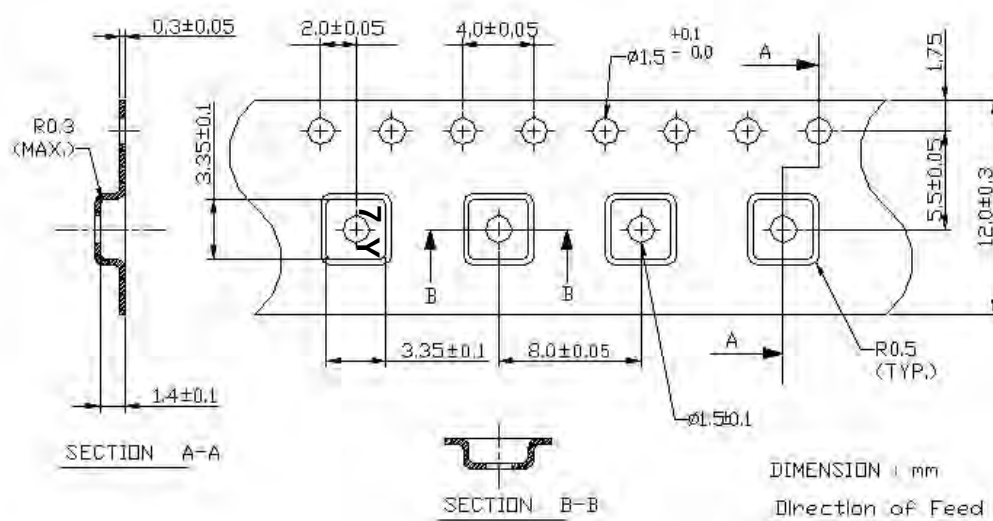
G. PACKING:

1. REEL DIMENSION

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



2.TAPE DIMENSION



978.0MHz SAW Filter

Model: TA0689A

Part No: MP01109

REV NO: 2

H. RECOMMENDED REFLOW PROFILE :

