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www.golledge.com

Golledge Electronics Ltd
Eaglewood Park, ILMINSTER
Somerset, TA19 9DQ, UK

978.0MHz SAW Filter — Model: **TA0689A**

Part No: **MP01109** — REV NO: 2

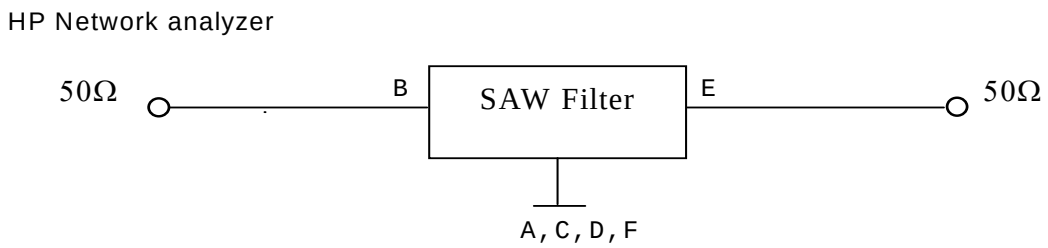
A. MAXIMUM RATING:

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:



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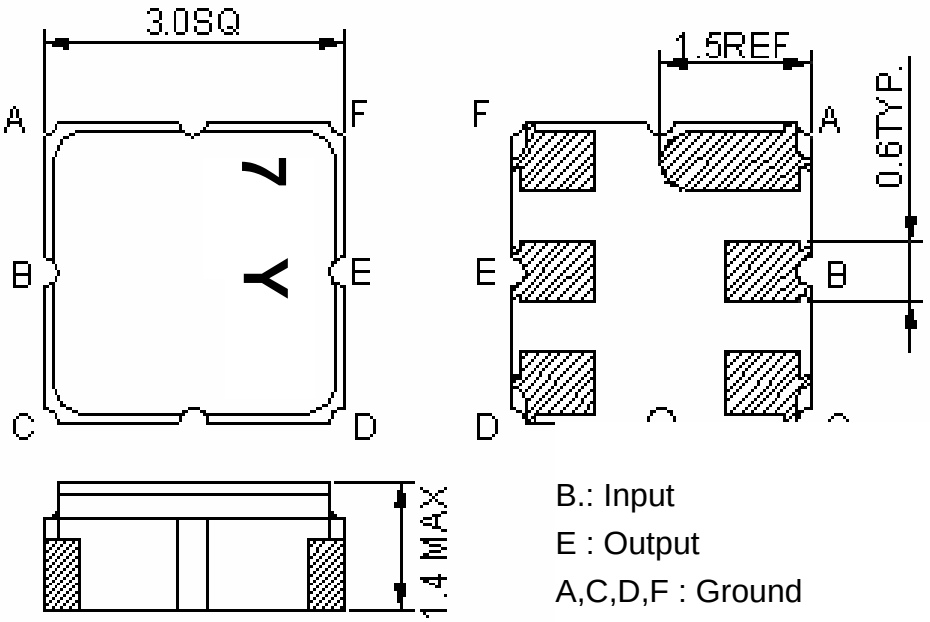
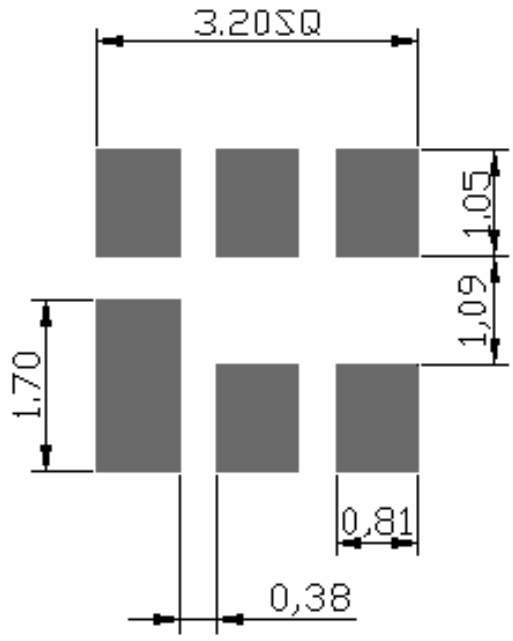
D. OUTLINE DRAWING:



B.: Input
E : Output
A,C,D,F : Ground
Unit : mm

E. PCB FOOTPRINT:



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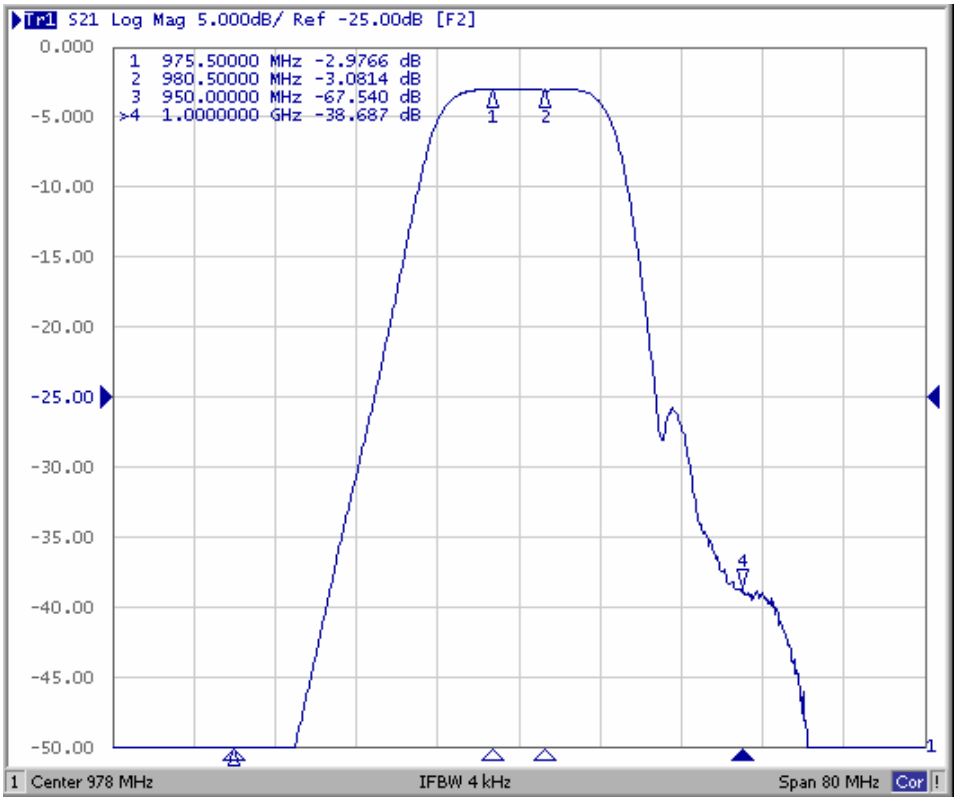
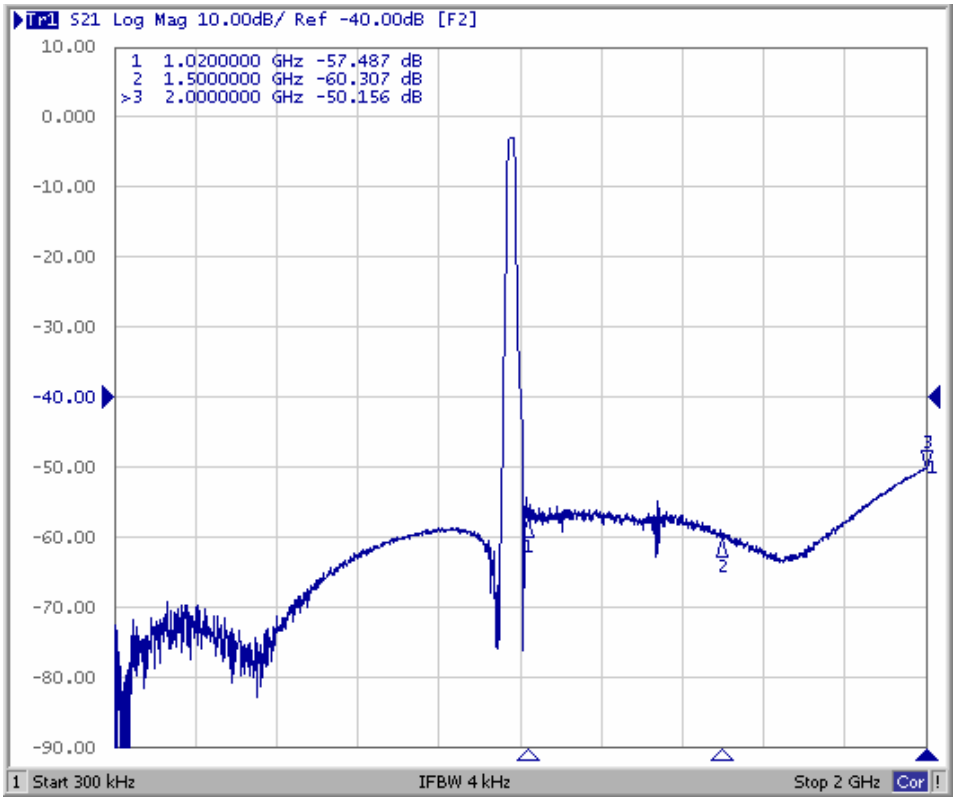
F. FREQUENCY CHARACTERISTICS:





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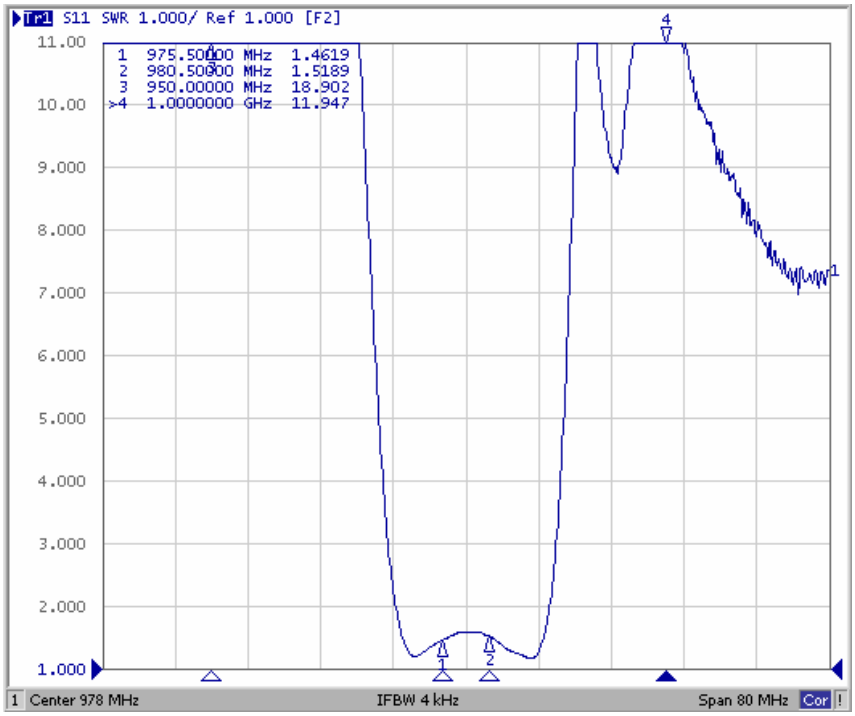
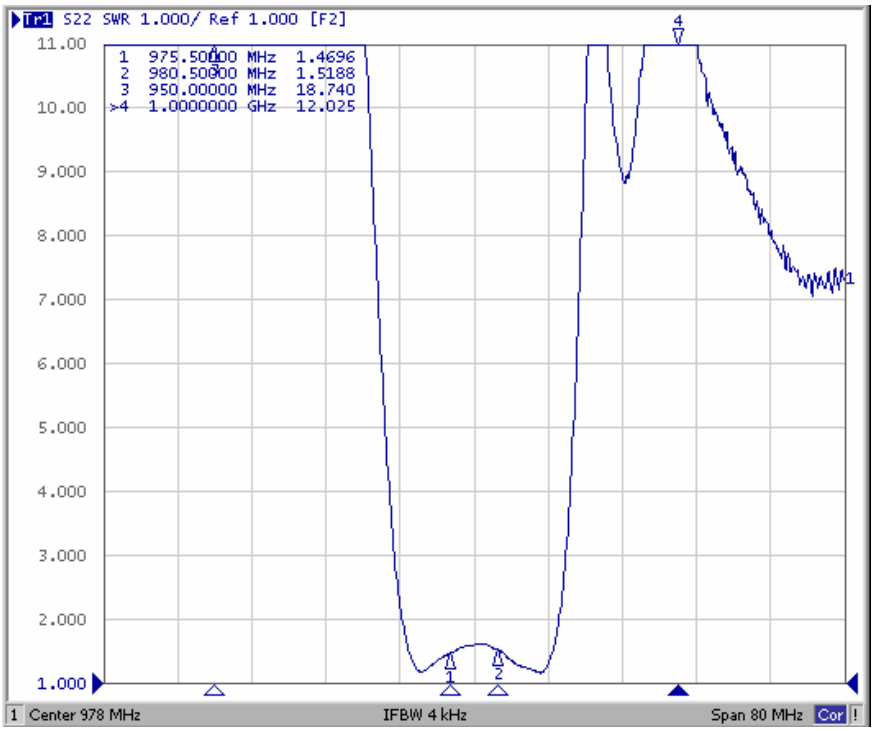
Part No: **MP01109** — REV NO: 2

Reflection Functions :

S11



S22



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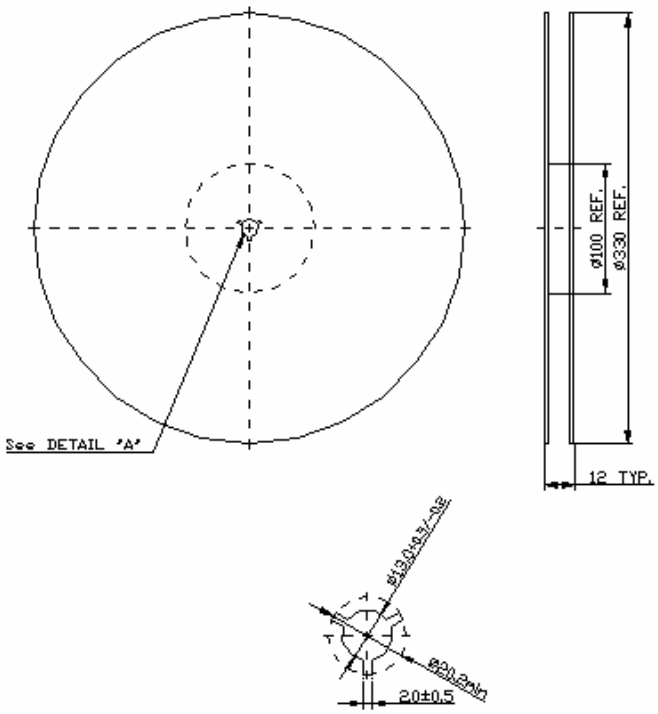
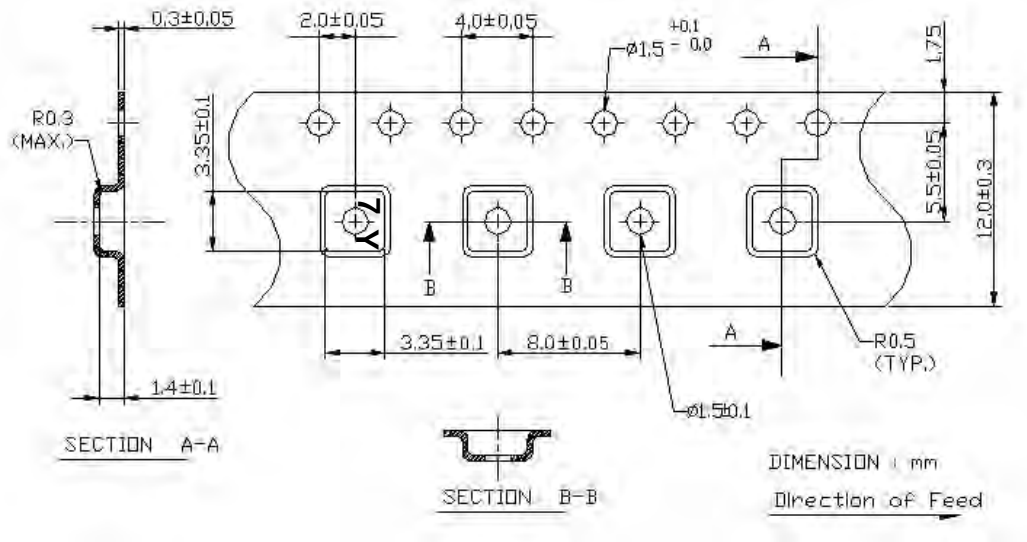
G. PACKING:

1. REEL DIMENSION
(Reel Count : 7”=1000 ; 13”=3000)



2.TAPE DIMENSION



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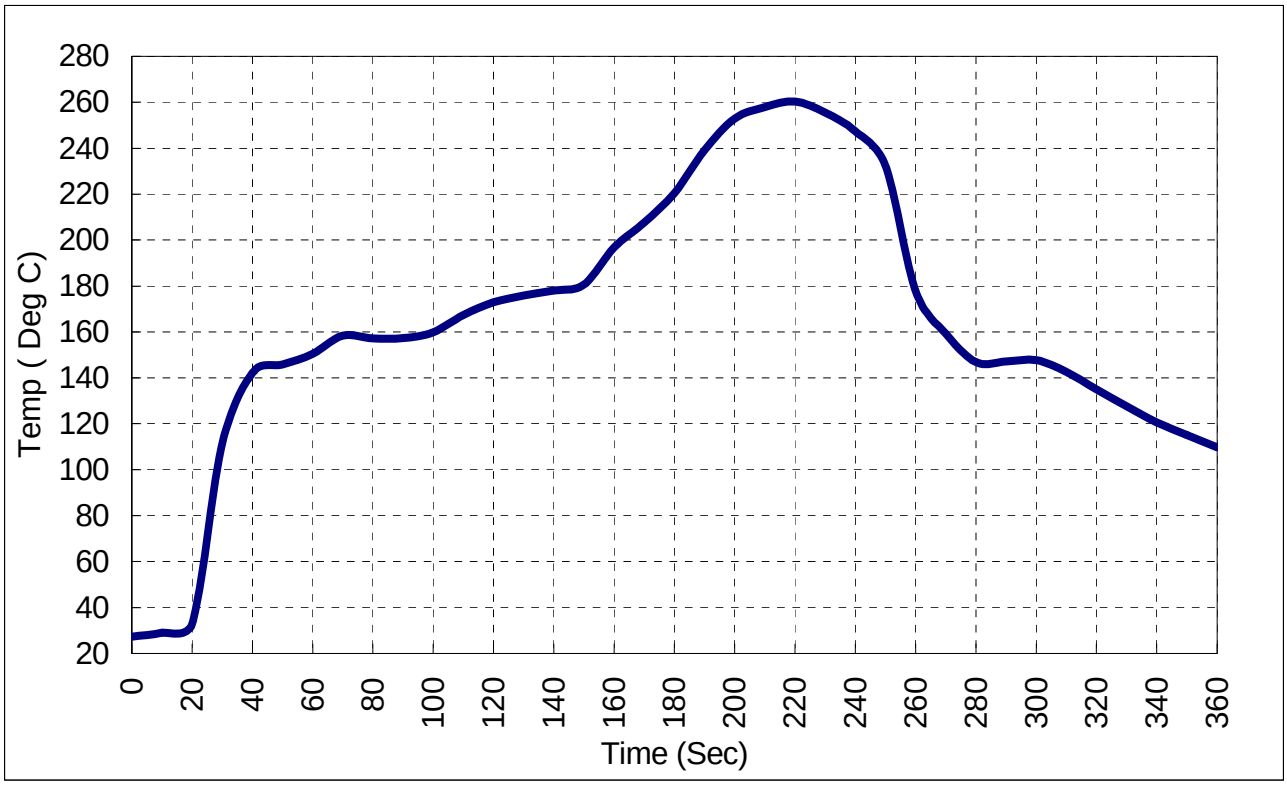
H. RECOMMENDED REFLOW PROFILE :