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

SAW Filter 1150 MHz — Model: **TA0620A**

Part No: **MP02421** — REV NO.: 1

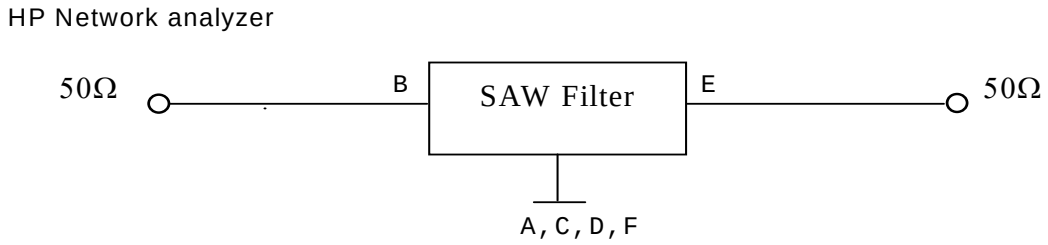
A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -20°C to +70°C
4. Storage Temperature: -30°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

Item		Unit	Min.	Typ.	Max.	Note
Center Frequency	Fc	MHz	-	1150	-	-
Min. Insertion loss	IL	dB	-	1.7	3	-
1 dB bandwidth	BW_1	MHz	32	38	-	-
3 dB bandwidth	BW_3	MHz	33.5	43	-	-
35 dB bandwidth	BW_{35}	MHz	-	80	90	-
Ripple in 27 MHz BW		dB	-	0.4	0.8	-
Return Loss		dB	10	13	-	-
GDV in 27 MHz BW		ns	-	20	40	-
Temp tolerance		ppm/°C	-	36	-	-

C. MEASUREMENT CIRCUIT:



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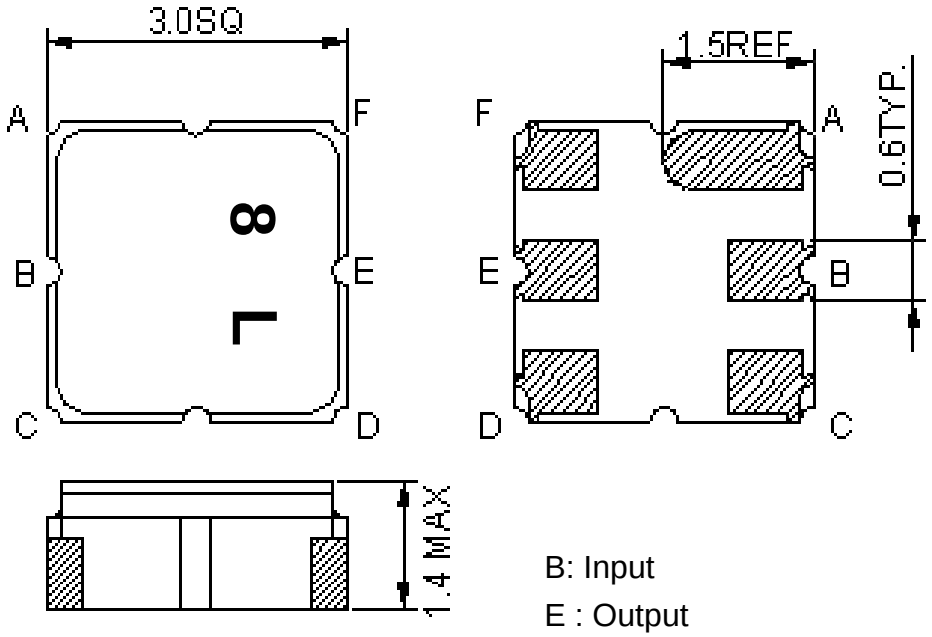
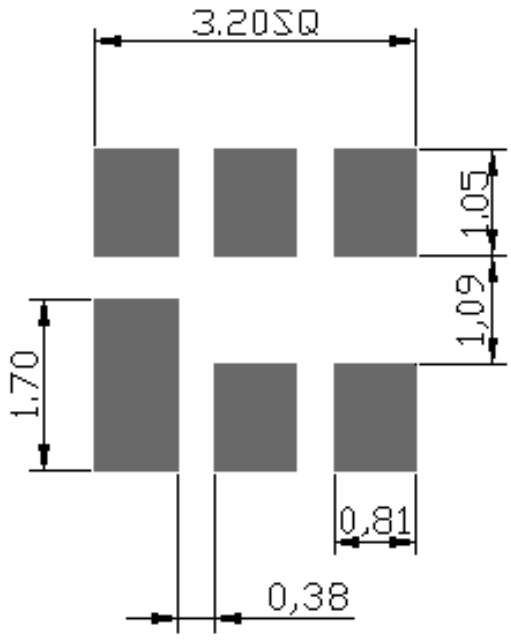
D. OUTLINE DRAWING:



B: Input
E : Output
A,C,D,F : Ground

Unit : mm

E. PCB FOOTPRINT:



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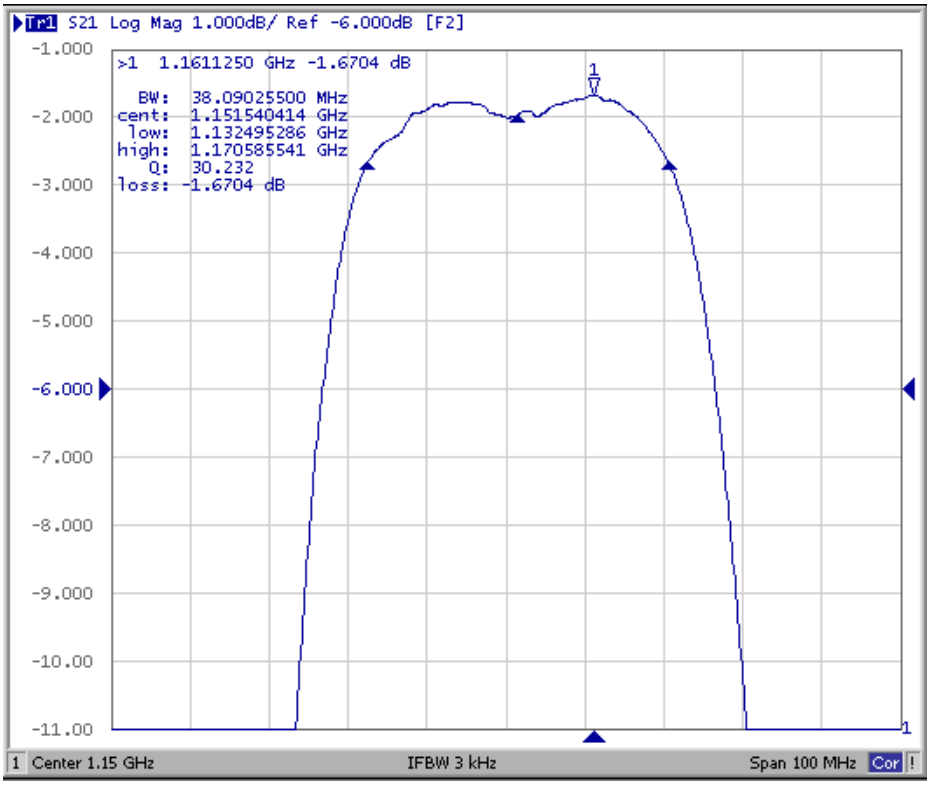
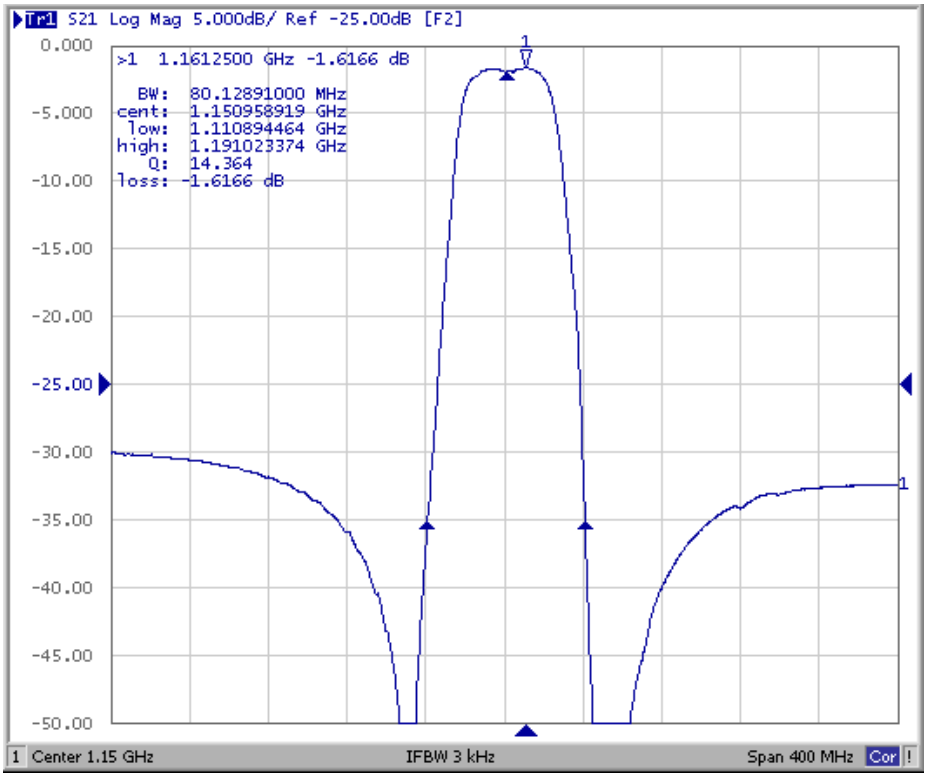
F. FREQUENCY CHARACTERISTICS:





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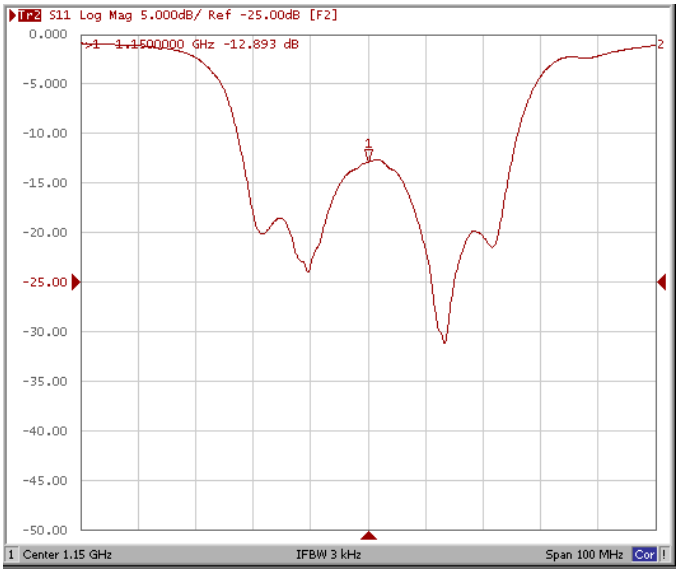
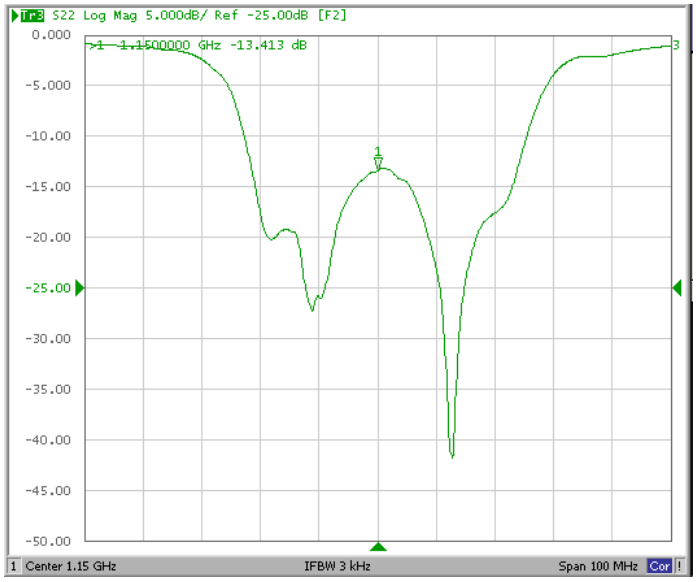
Part No: **MP02421** — REV NO.: 1

Reflection Functions :

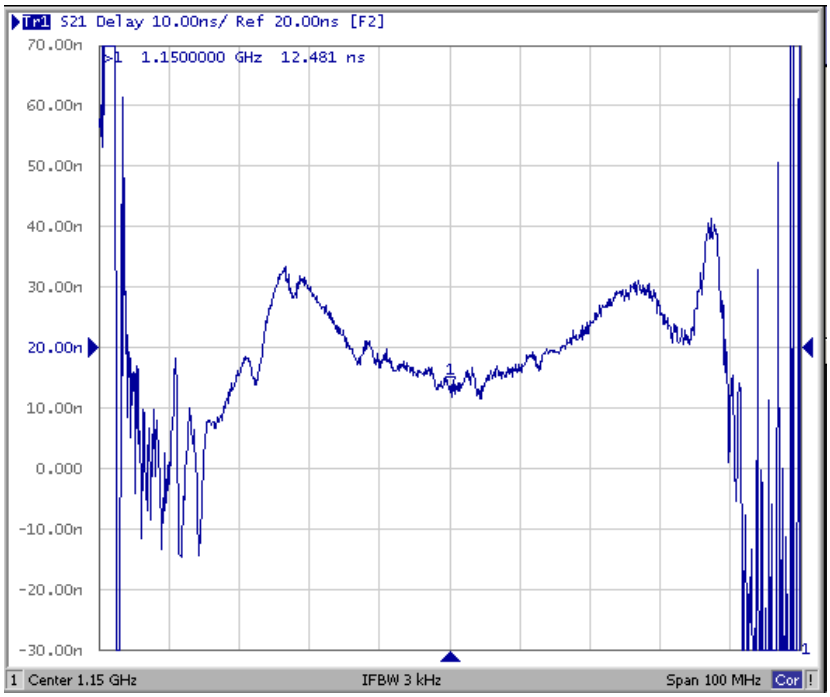
S11



S22



Group delay



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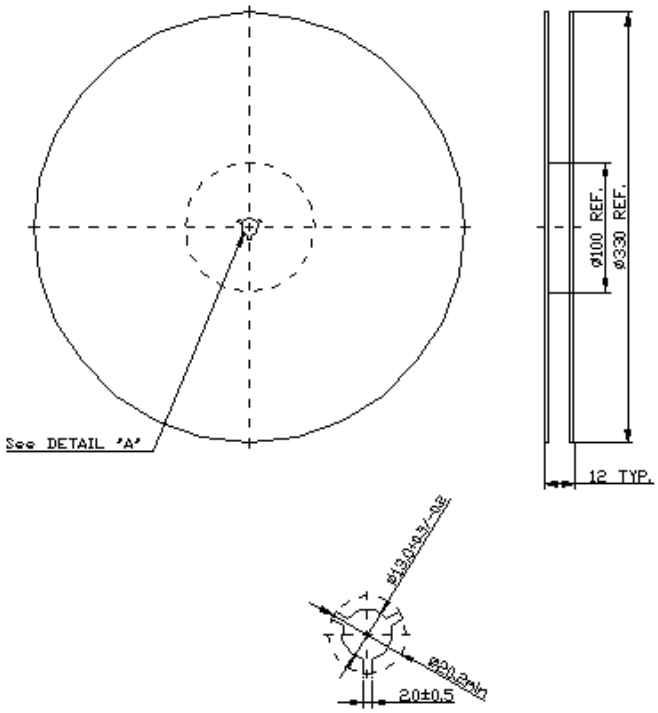
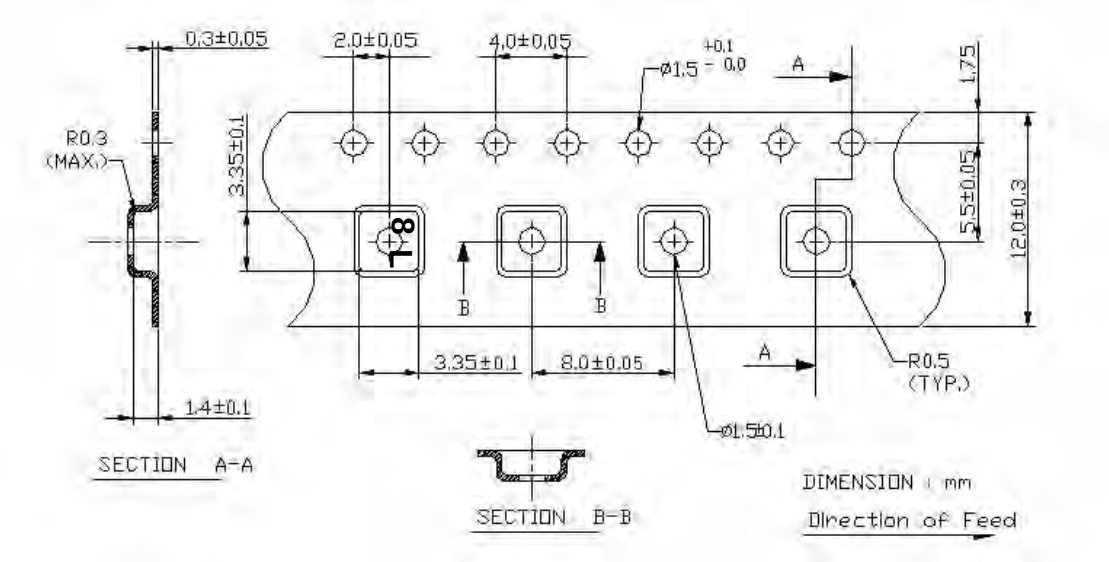
G. PACKING:

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



2. TAPE DIMENSION



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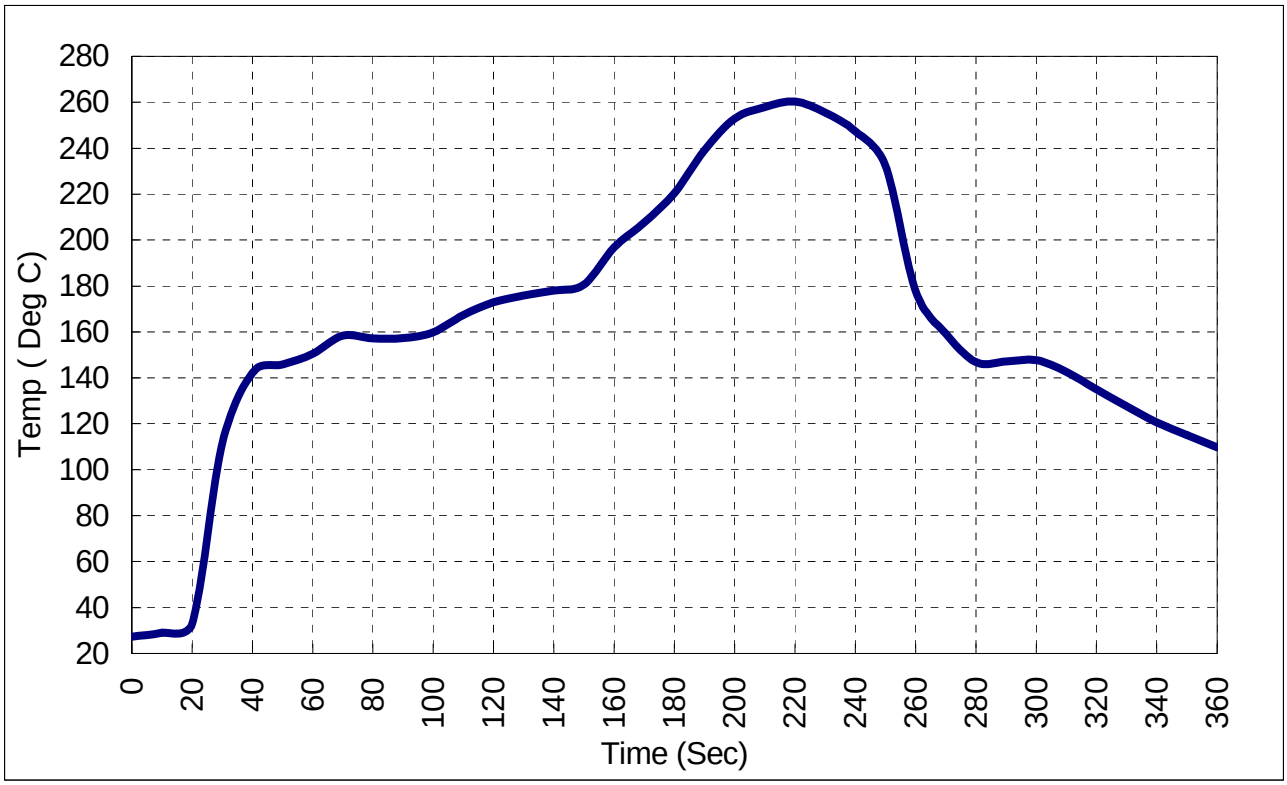
H. RECOMMENDED REFLOW PROFILE :