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www.golledge.com

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

SAW Filter 554.0MHz — Model: **TA0960A**

Part No: **MP02293** — REV NO.: 1

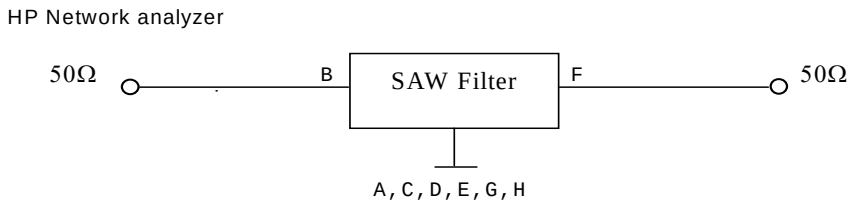
A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -20°C to +75°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.	Note
Center Frequency Fc	MHz	-	554	-	-
Insertion loss (548~560MHz) IL	dB	-	1.5	4.5	-
Amplitude Ripple (548 ~ 560 MHz)	dB	-	0.7	2	-
Group Delay Variation (548~560 MHz)	ns	-	32	45	-
Attenuation (Reference level from 0 dB)					
0 ~ 513 MHz	dB	35	38	-	-
513 ~ 520 MHz	dB	30	42	-	-
580 ~ 602 MHz	dB	30	43	-	-
610 ~ 640 MHz	dB	35	41	-	-
665 ~ 715 MHz	dB	35	40	-	-
715 ~ 1000 MHz	dB	36	40	-	-
1000 ~ 1500 MHz	dB	25	44	-	-
Temperature Coefficient of Frequency	ppm/°C	-	-35	-	-

C. MEASUREMENT CIRCUIT:



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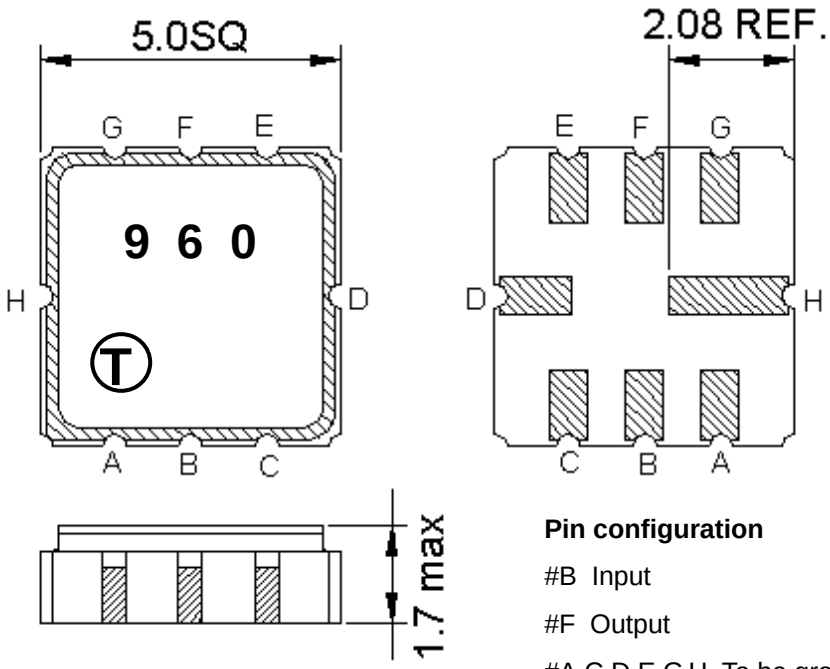
D. OUTLINE DRAWING:



Pin configuration

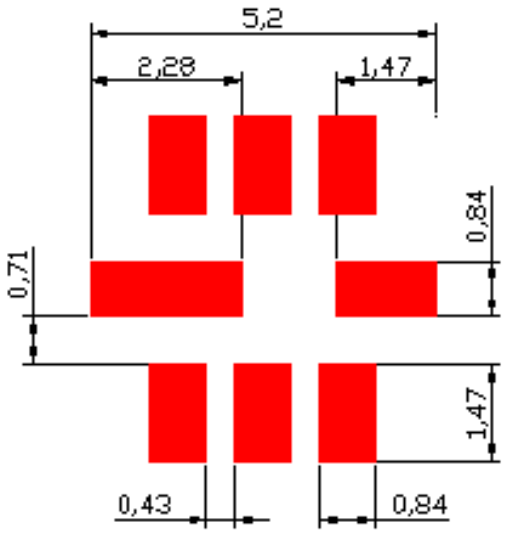
#B Input

#F Output

#A,C,D,E,G,H To be grounded

Unit mm

E. PCB FOOTPRINT:



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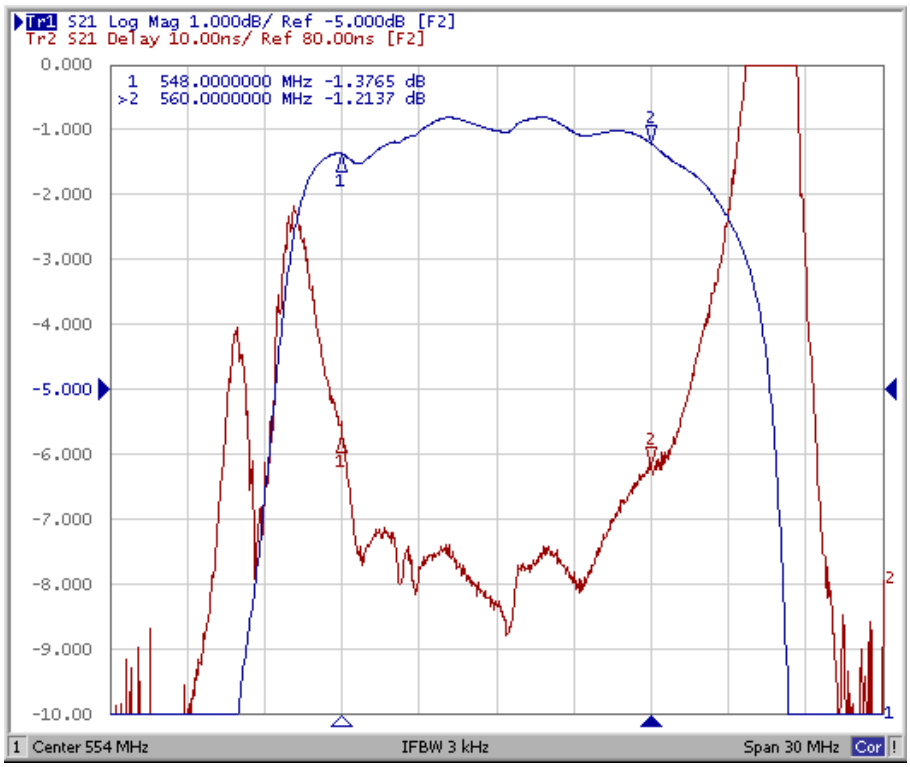
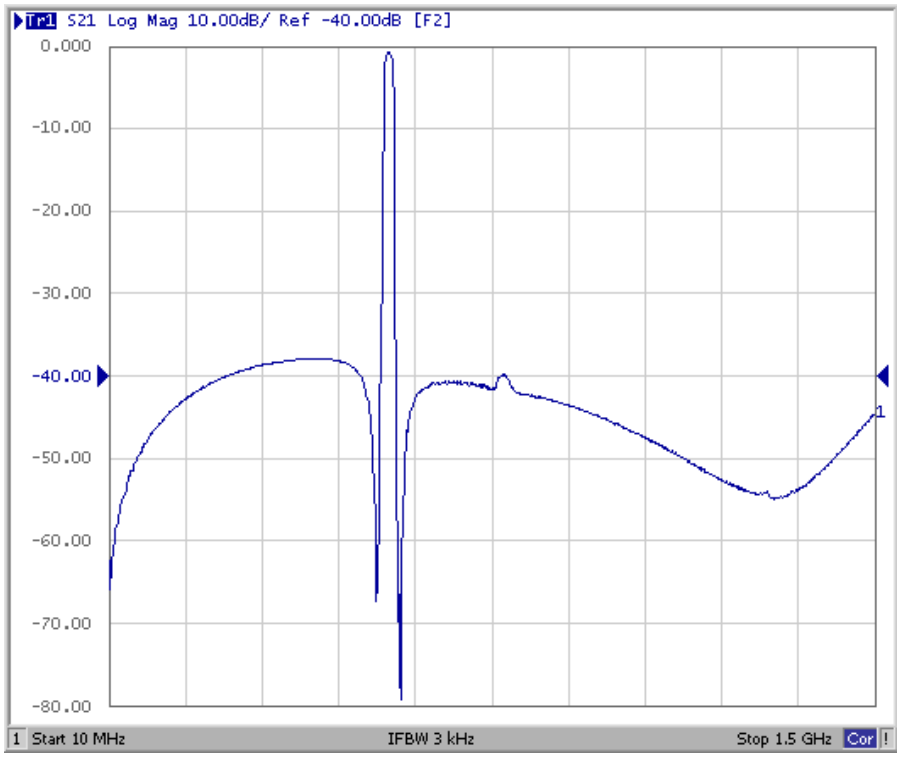
F. FREQUENCY CHARACTERISTICS:





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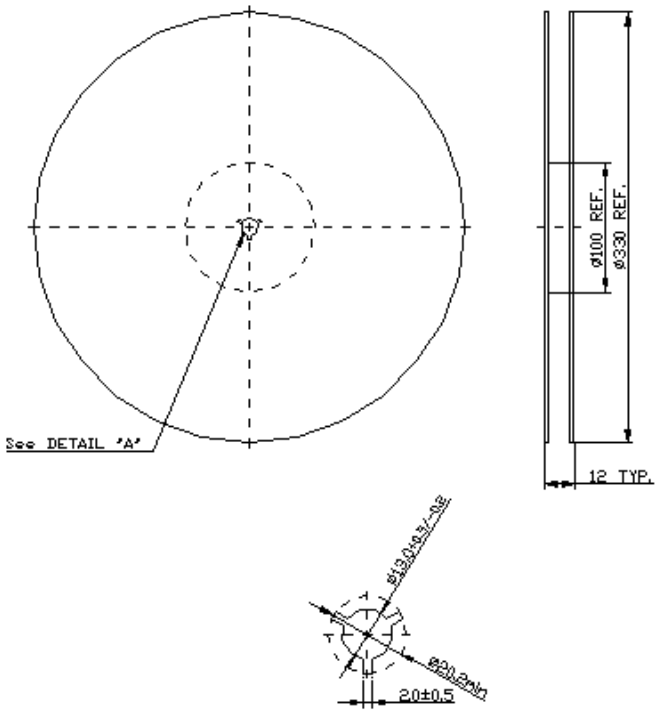
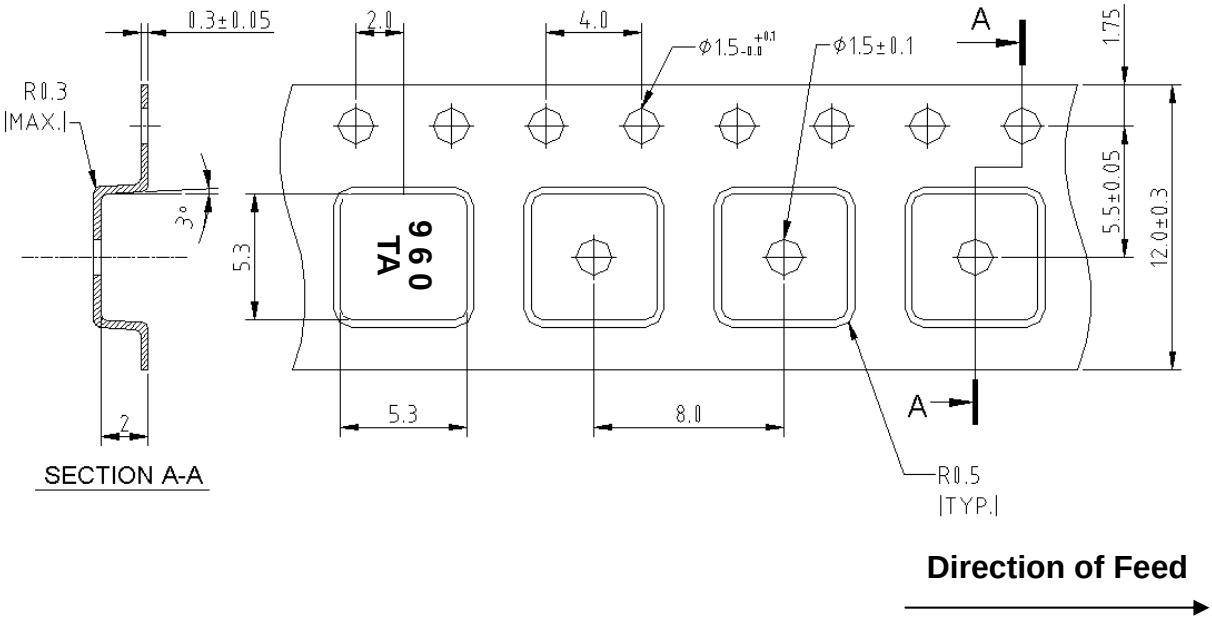
G. PACKING:

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



2.TAPE DIMENSION



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H. RECOMMENDED REFLOW PROFILE :

