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

SAW Filter 1228.0MHz — Model: TA0509A

Part No: **MA08527** REV. NO.: 1

A. MAXIMUM RATING:

1. Input Power Level: 5 dBm
2. DC voltage: 3 V
3. Operating Temperature: -30°C to 85°C
4. Storage Temperature: -40°C to +85°C

B. CHARACTERISTICS:

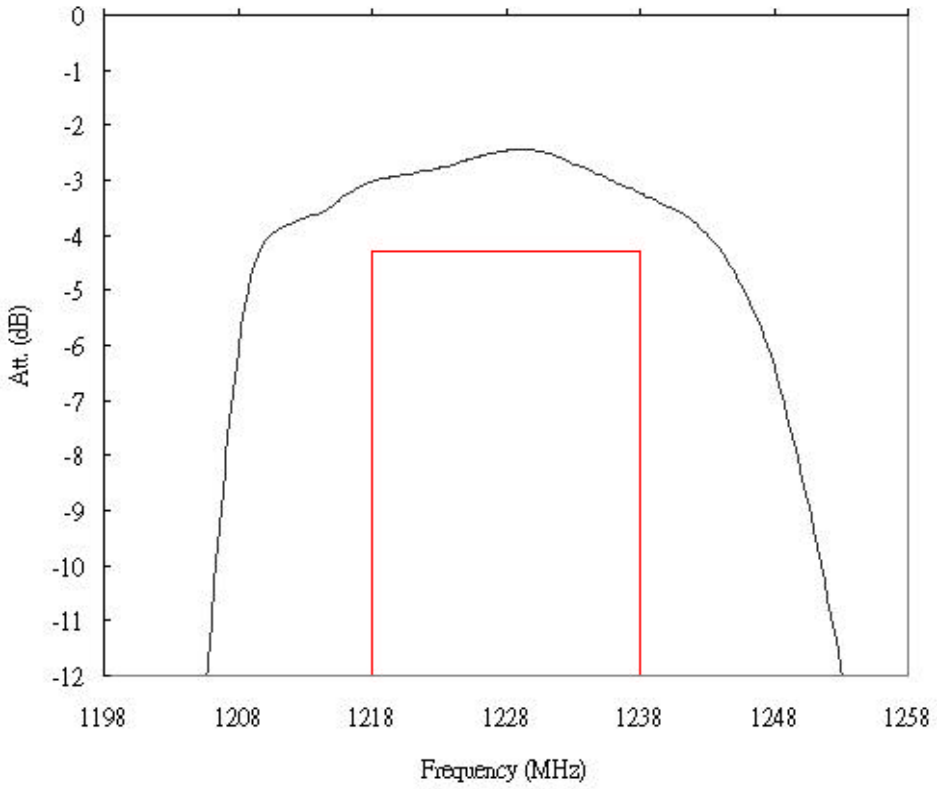
Terminating source impedance: Z_S=50Ω
Terminating load impedance: Z_L=50Ω (balanced)

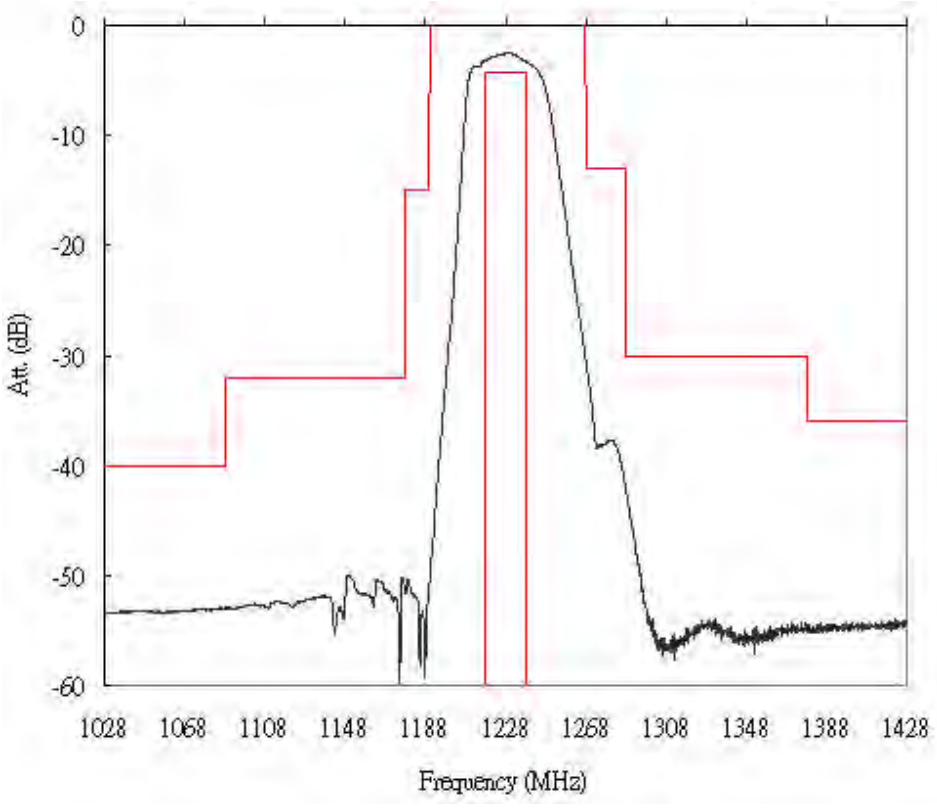
Item		Unit	Min.	Typ.	Max.
Center Frequency		MHz	-	1228	-
Insertion Loss	1218 ~ 1238 MHz	dB	-	3.4	4.4
Ripple	1218 ~ 1238 MHz	dB	-	0.9	1.7
Absolute Attenuation					
1 ~ 1088	MHz	dB	40	52	-
1088 ~ 1178	MHz	dB	32	50	-
1178 ~ 1190	MHz	dB	15	50	-
1268 ~ 1288	MHz	dB	13	29	-
1288 ~ 1378	MHz	dB	30	41	-
1378 ~ 1480	MHz	dB	36	54	-
1480 ~ 2500	MHz	dB	28	47	-
2500 ~ 4000	MHz	dB	13	20	-

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C. TRANSFER FUNCTION:

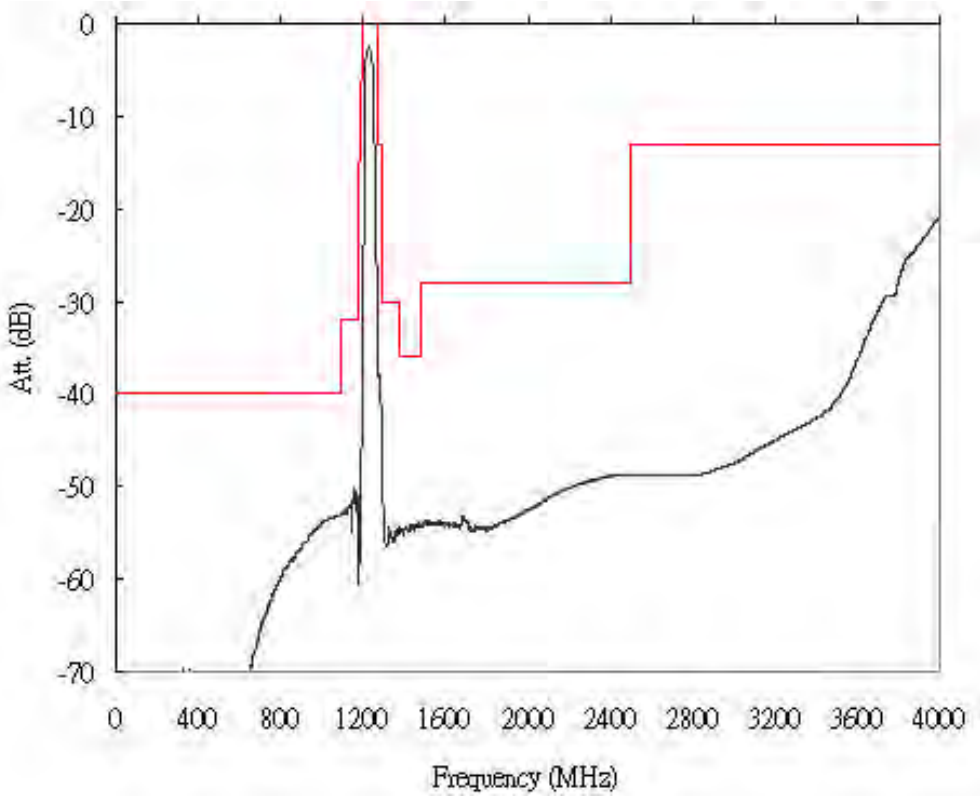




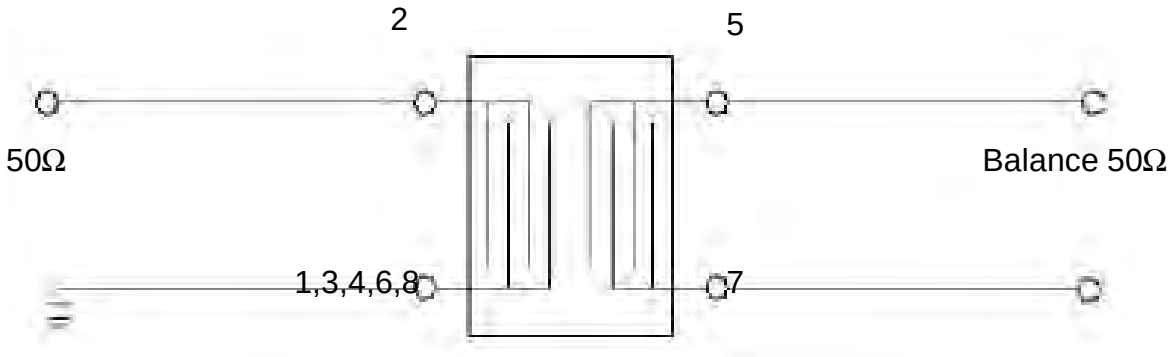
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Wideband



D. MEASUREMENT CIRCUIT:



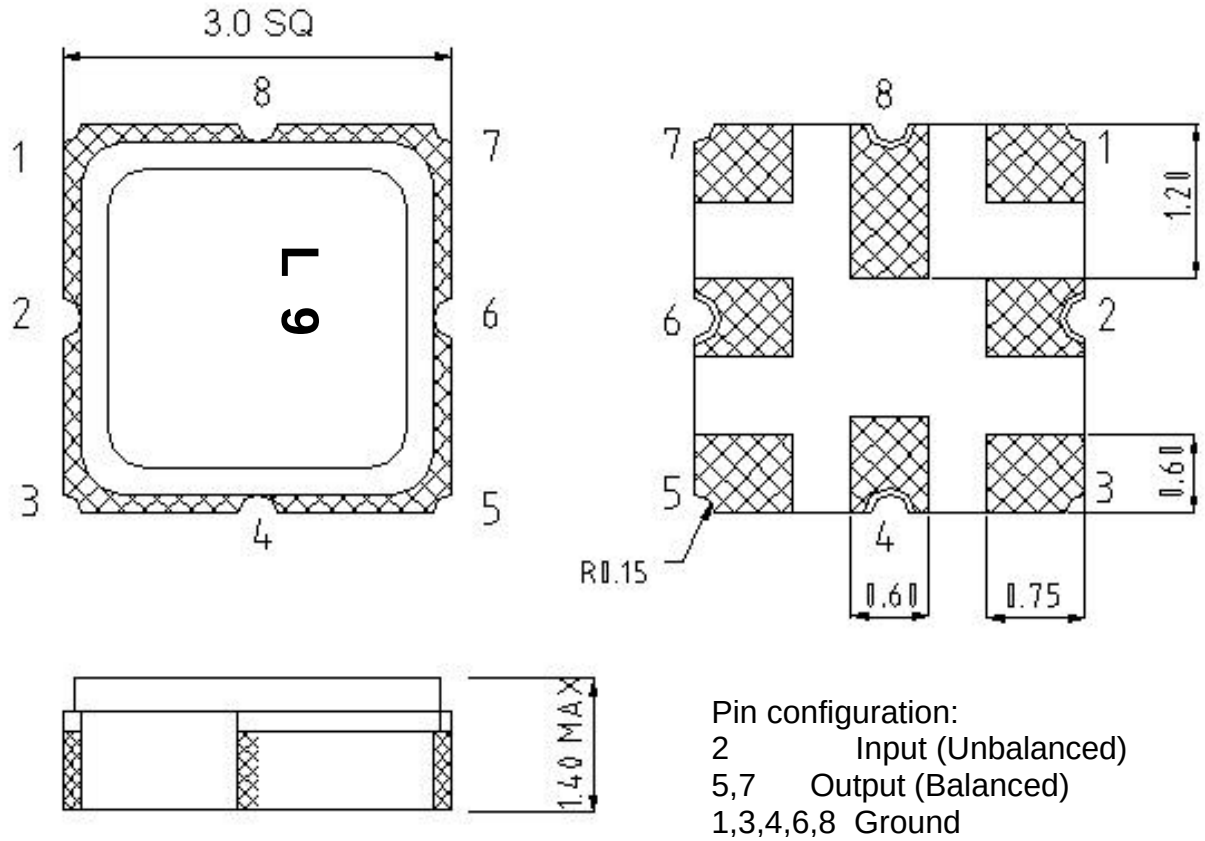
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SAW Filter 1228.0MHz **Model: TA0509A**

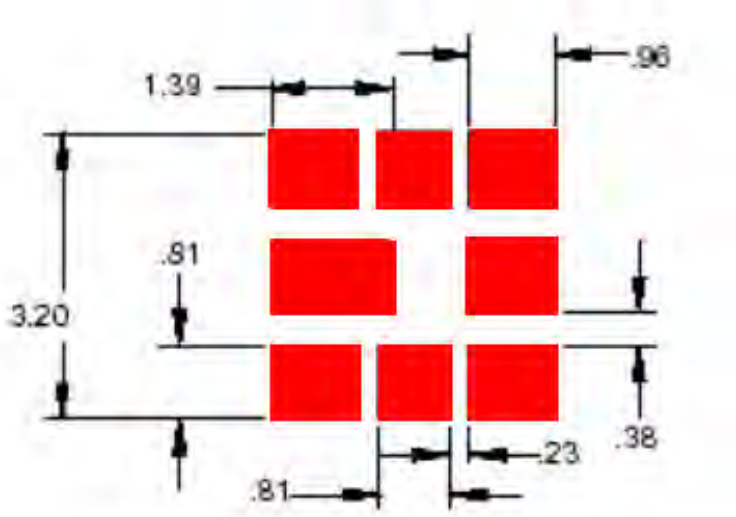
Part No: **MA08527** REV. NO.: 1

E. OUTLINE DRAWING:



Pin configuration:
2 Input (Unbalanced)
5,7 Output (Balanced)
1,3,4,6,8 Ground

F. PCB FOOTPRINT:

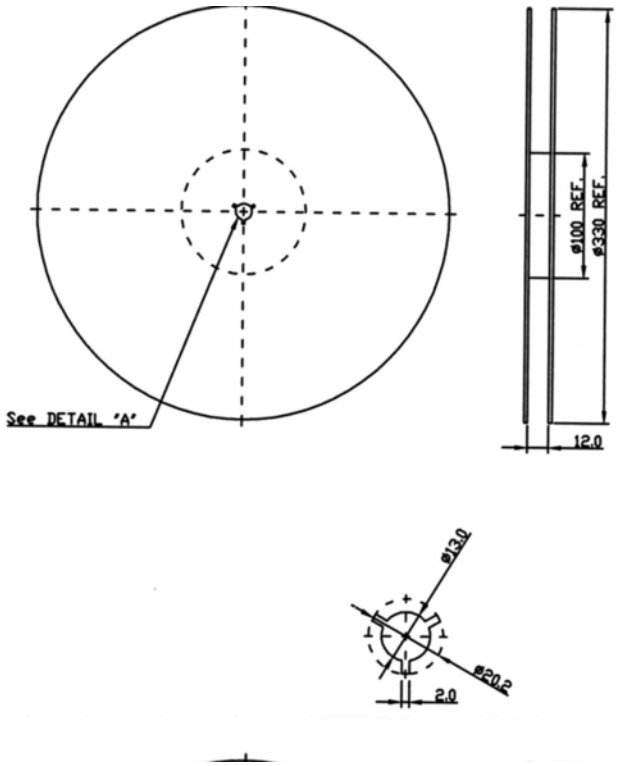


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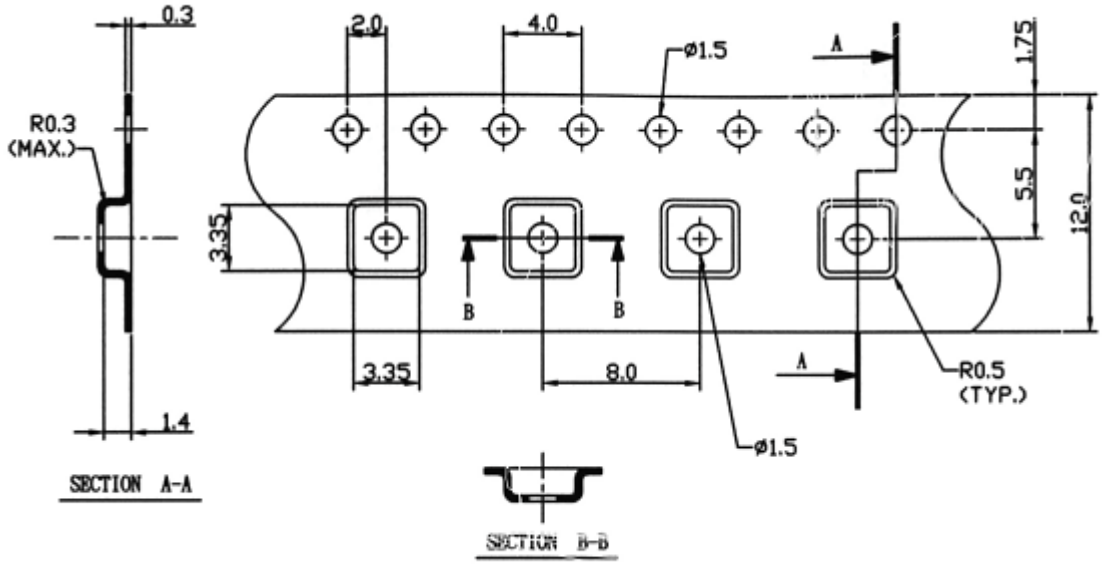
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G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



Direction of Feed