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

SAW Filter 300MHz — Model: TB0677A
Part No: MP02017 — Rev No: 1

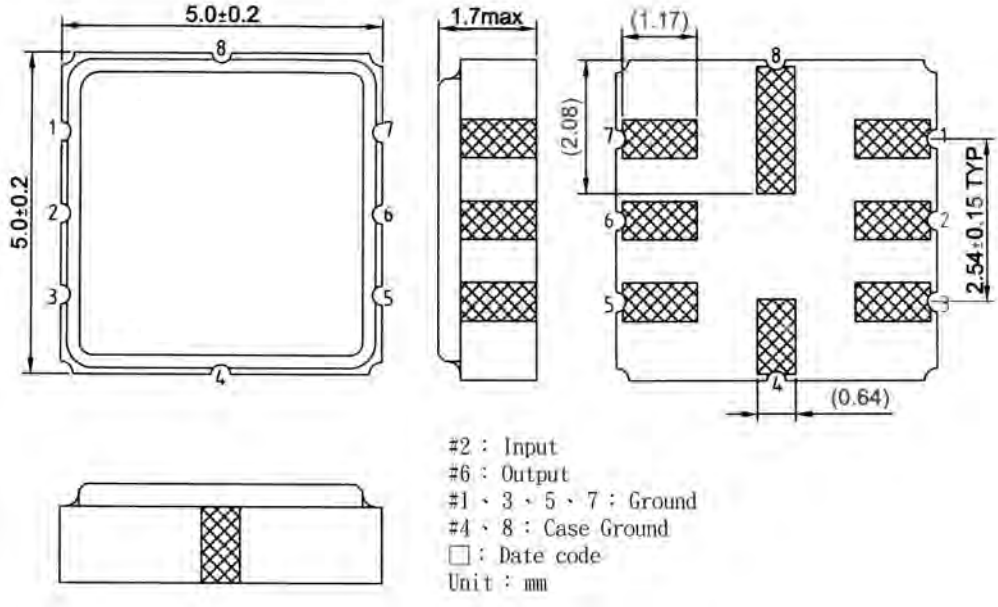
A. MAXIMUM RATING:

1. Input Power Level: 13dBm
2. DC Voltage: 5V
3. Operating Temperature: -20℃ to +80℃
4. Storage Temperature: -30℃ to +85℃

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.	Note
Center frequency Fc	MHz	-	300	-	-
Min. Insertion loss IL	dB	-	3.8	6.5	-
Passband Ripple (Fc ± 35kHz)	dB	-	0.4	2	-
Bandwidth @ 3dB	kHz	200	230	-	-
Group delay ripple (299.965 ~ 300.035MHz)	μs	-	0.5	3	-
Attenuation (relative to IL)					
Fc ± 400kHz	dB	15	43	-	-
Fc ± 400kHz ~ Fc ± 600kHz	dB	27	43	-	-
Fc ± 600kHz ~ Fc ± 13MHz	dB	35	50	-	-
Fc ± 100MHz	dB	50	55	-	-
Temperature coefficient of frequency TCf		-0.033ppm/C^2			

C. OUTLINE DRAWING:

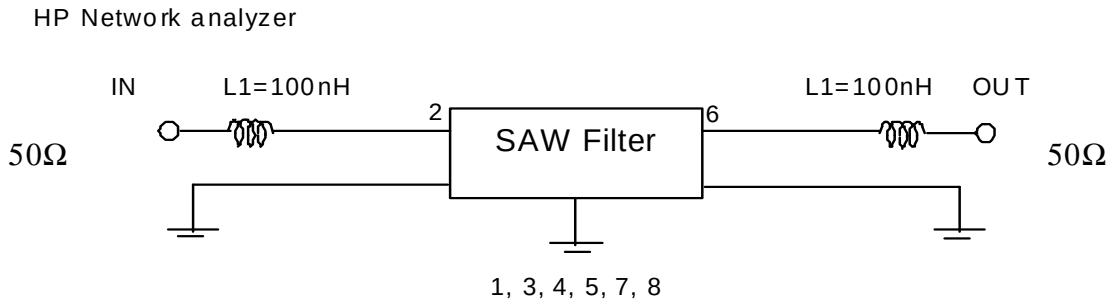


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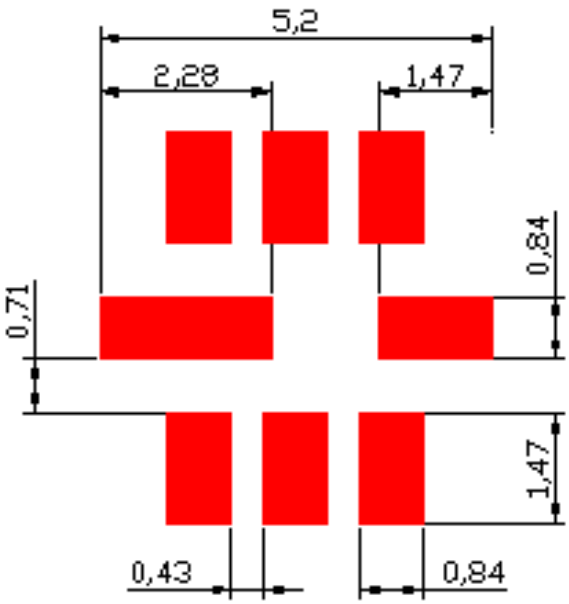
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D. MEASUREMENT CIRCUIT:

50Ω Test circuit (single-ended / single-ended)



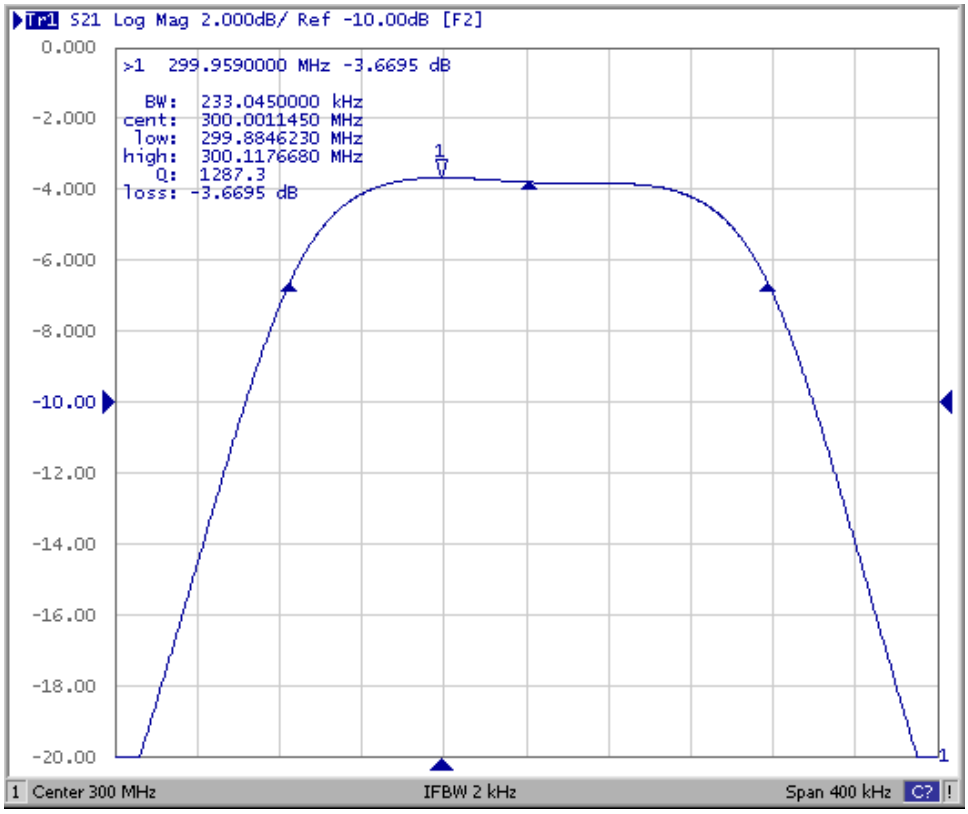
E. PCB FOOTPRINT:

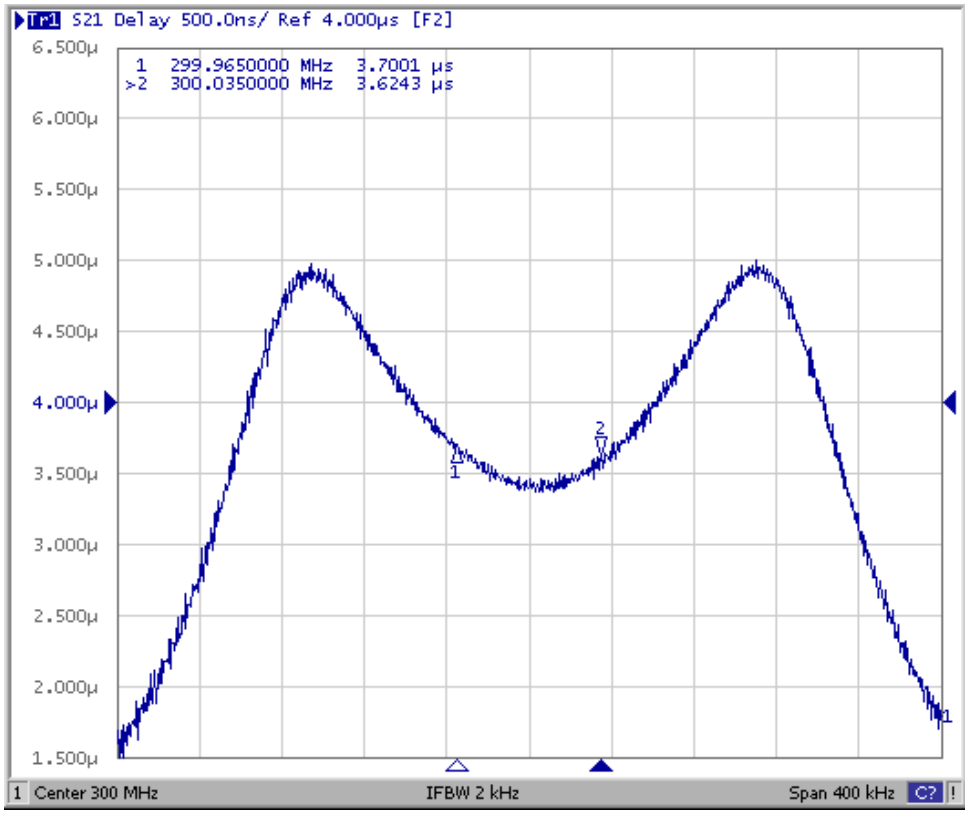


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F. FREQUENCY CHARACTERISTICS:

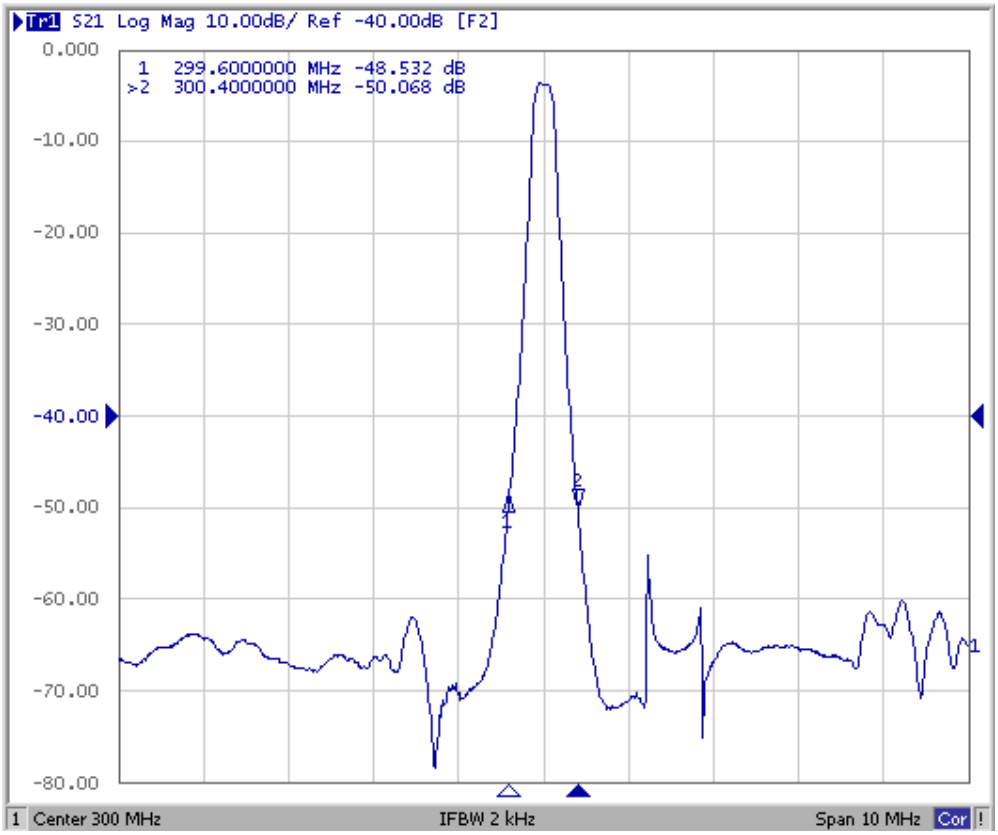


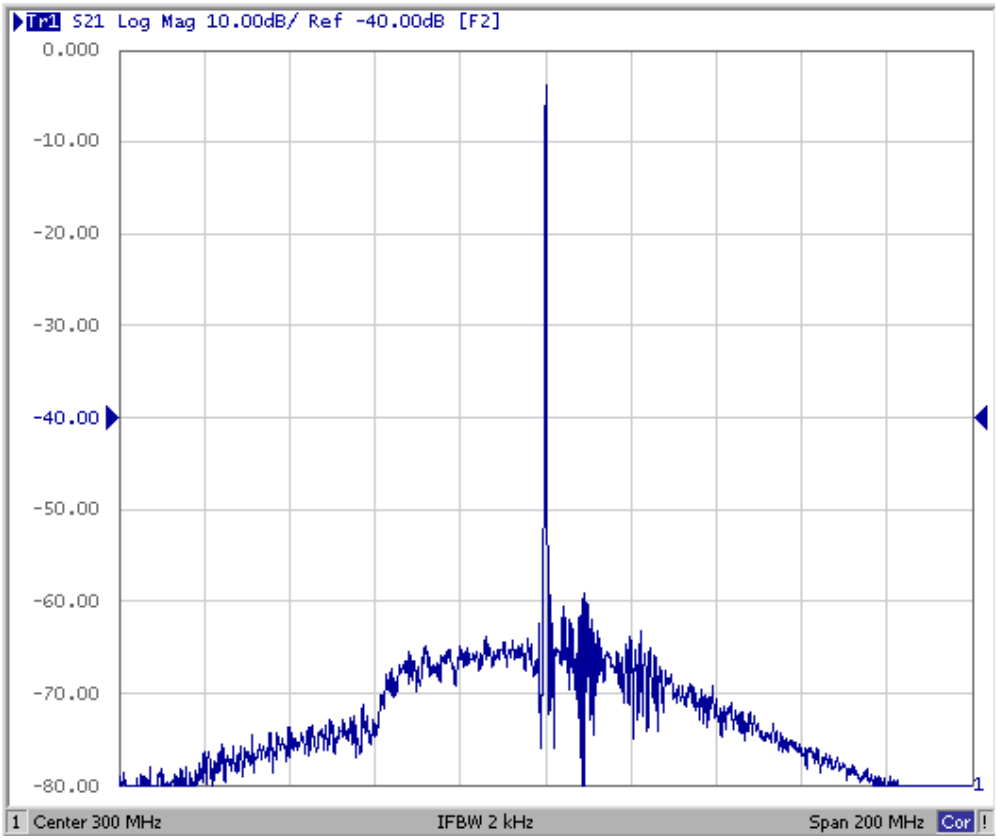


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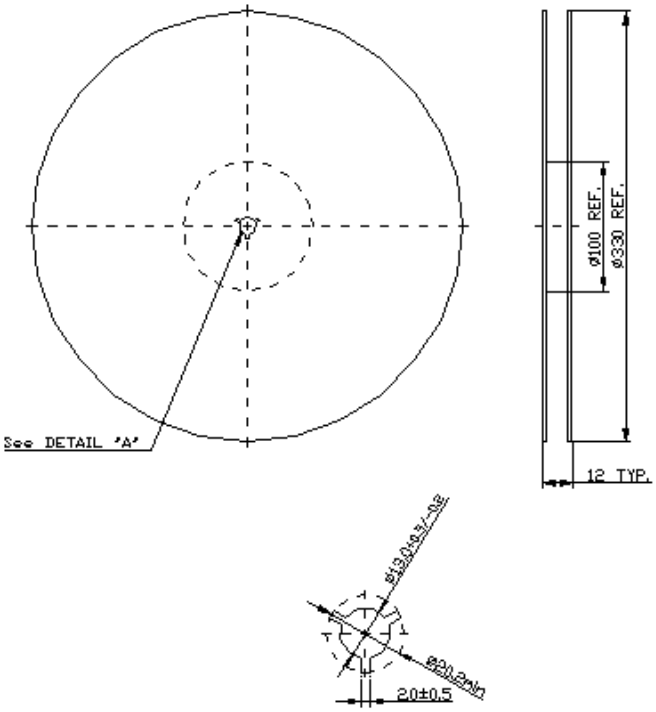


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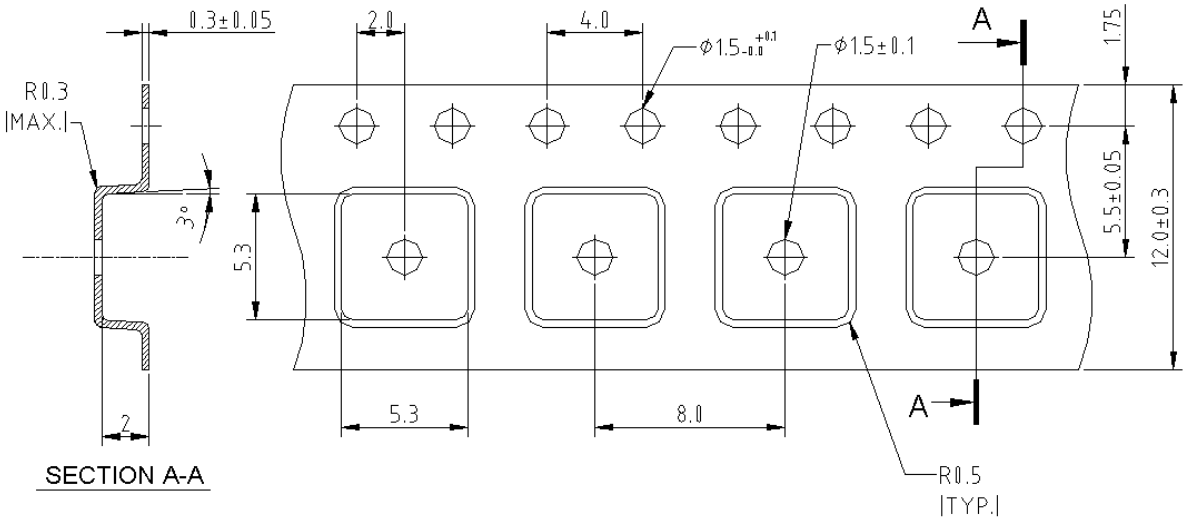
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G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



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H. RECOMMENDED REFLOW PROFILE:

