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

SAW Filter 433.92MHz — Model: TA0300A
Part No: MA05276 — Rev No: 1

A. MAXIMUM RATING:

1. Input Power Level: 10dBm
2. DC voltage: 12V
3. Operating Temperature: -40℃ to +85℃
4. Storage Temperature: -40℃ to +85℃

B. ELECTRICAL CHARACTERISTICS:

Reference temperature: TA = -40 to 85°C

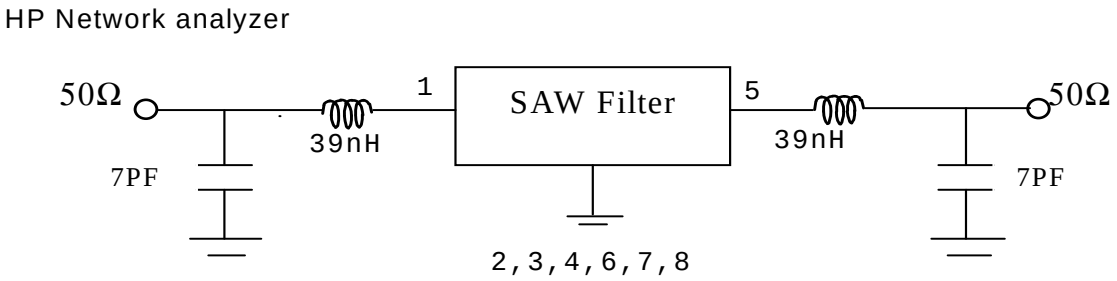
Item	Min.	Typ.	Max.	Note
Center frequency Fc (MHz)	-	433.92	-	1
Minimum IL (dB) IL min	-	2.2	3.0	
Pass band (relative to IL min) 433.42 ~ 434.42 MHz (dB)	- -	 -	 3.0	1
Pass bandwidth (relative to IL min) BW3 (kHz)	1000	1250	-	
Attenuation: (relative to IL min) (dB)				1
10 ~ 414MHz (dB)	40	50	-	
414 ~ 428MHz (dB)	30	40	-	
428 ~ 432.42MHz (dB)	15	20	-	
435.42 ~ 442MHz (dB)	10	15	-	
442 ~ 550MHz (dB)	25	30	-	
550 ~ 1000 MHz (dB)	45	50	-	
Impedance at Fc; Input $Z_{IN} = R_{IN} // C_{IN}$	279Ω // 4.1pF			
Output $Z_{OUT} = R_{OUT} // C_{OUT}$	279Ω // 4.1pF			
Turnover To (℃)				

Note 1: The standard definitions is in JIS C 6703

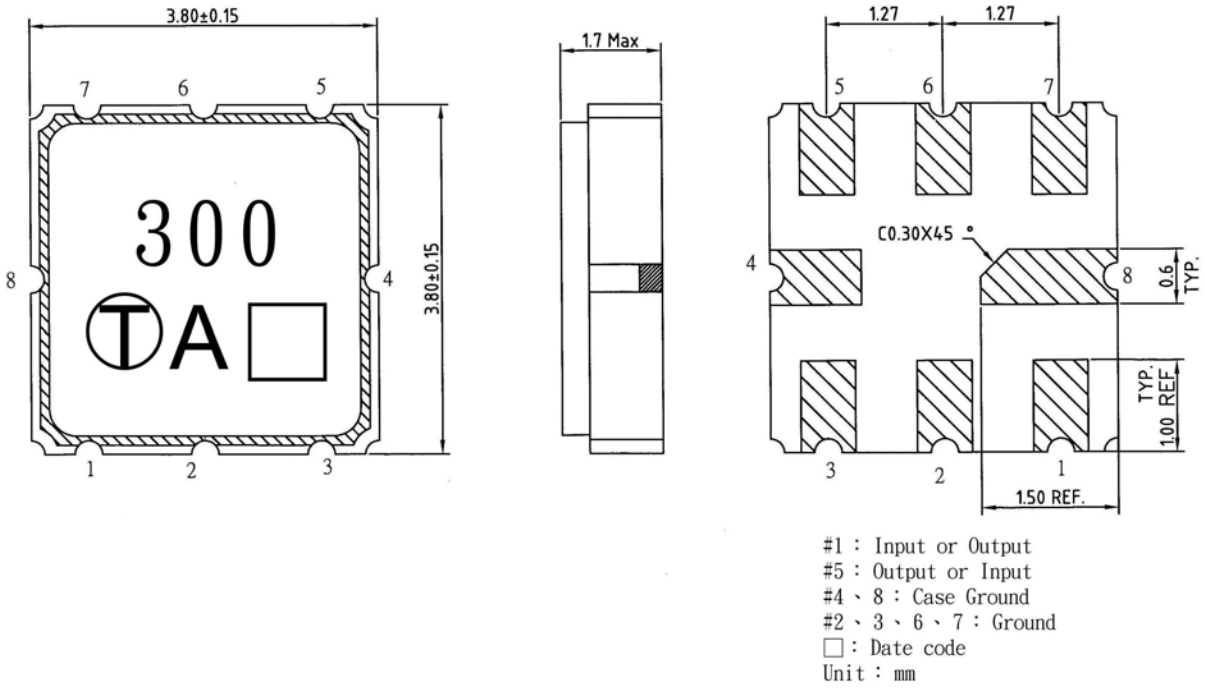
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C. MEASUREMENT CIRCUIT:



D. OUTLINE DRAWING:

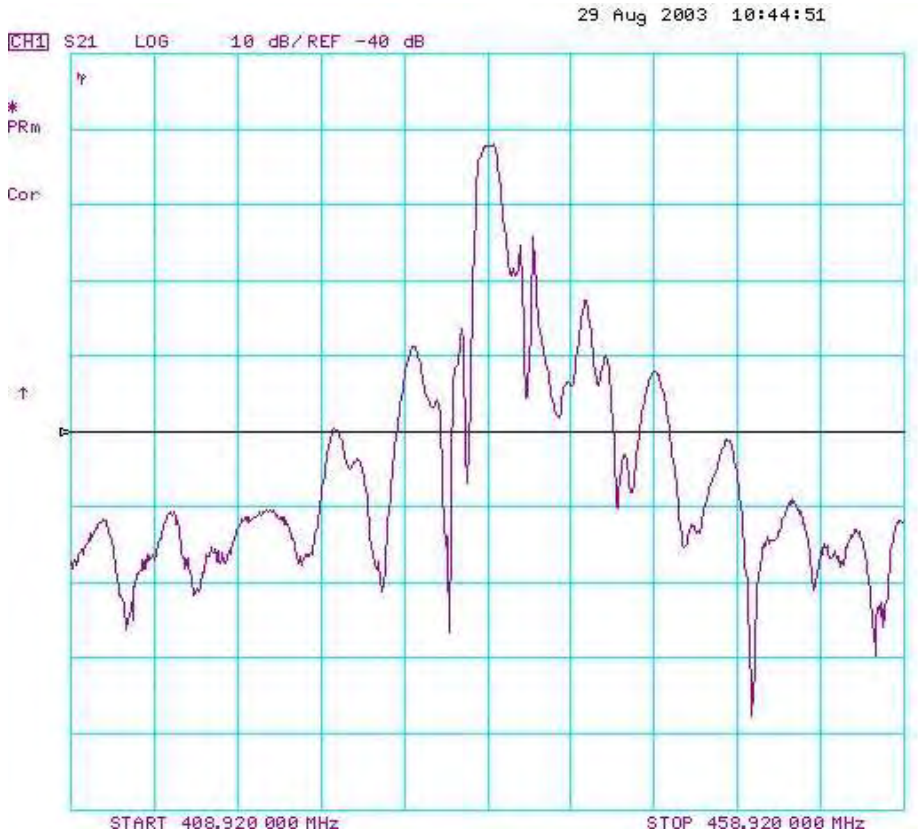


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E. FREQUENCY CHARACTERISTICS:



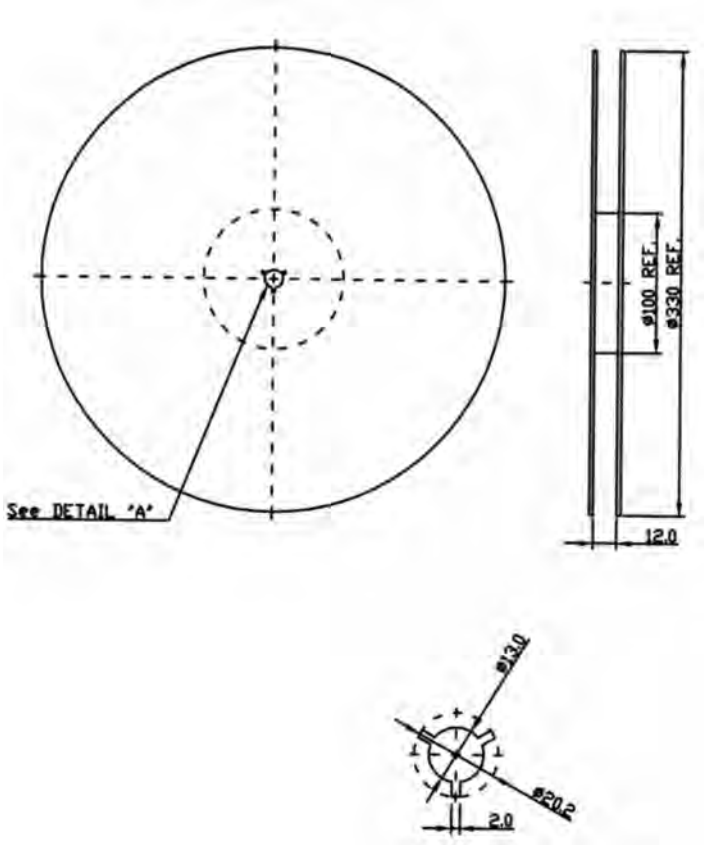


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F. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

