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

SAW Filter 315.0MHz — Model: TA0705A
Part No: MP03963 — Rev No: 1

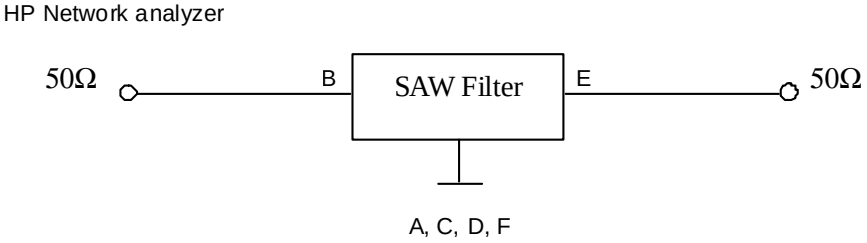
A. MAXIMUM RATING:

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

B. CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.
Center frequency Fc	MH	-	315	-
Maximum Insertion loss 314.70 ~ 315.30MHz IL	dB	-	1.53	2.5
Amplitude ripple 314.70 ~ 315.30MHz	dB	-	0.4	1.5
VSWR 314.70 ~ 315.30MHz			1.45	2.0
Attenuation (Reference level from 0dB)				
270.0 ~ 286.0MHz	dB	55	61	-
293.0 ~ 293.9MHz	dB	53	59	-
304.0 ~ 304.6MHz	dB	48	53	-
325.4 ~ 326.0MHz	dB	24	30	-
336.1 ~ 337.0MHz	dB	36	46	-
357.5 ~ 358.7MHz	dB	50	56	-
Source impedance Z_S	Ω	-	50	-
Load impedance Z_L	Ω	-	50	-
Temperature coefficient	ppm/k	-	-36	-

C. MEASUREMENT CIRCUIT:

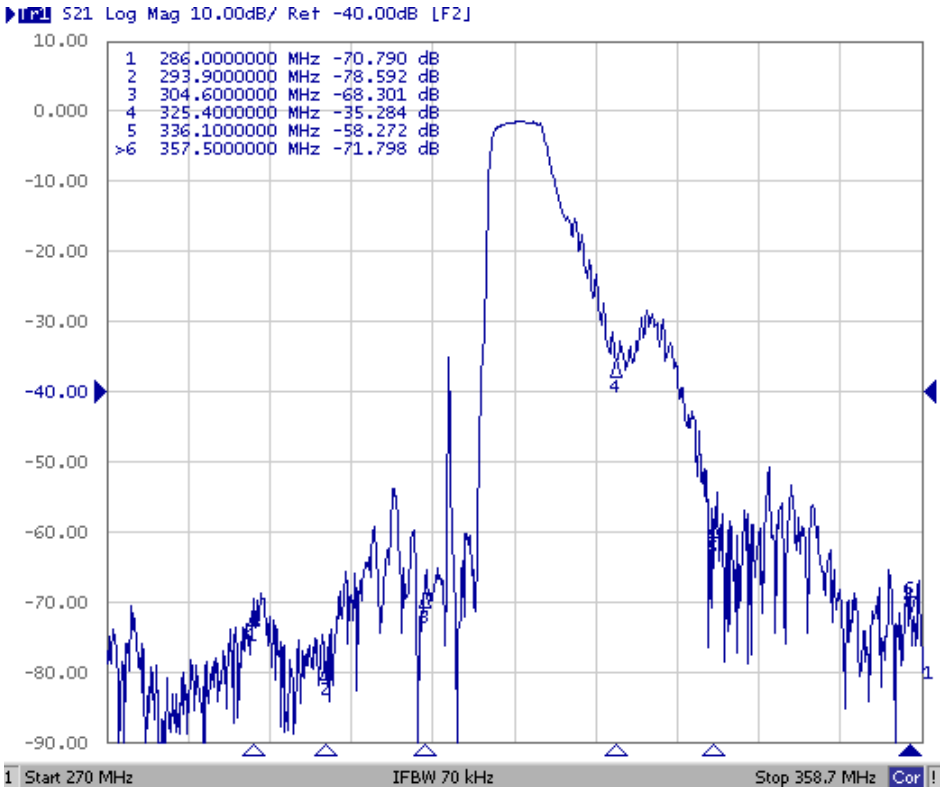


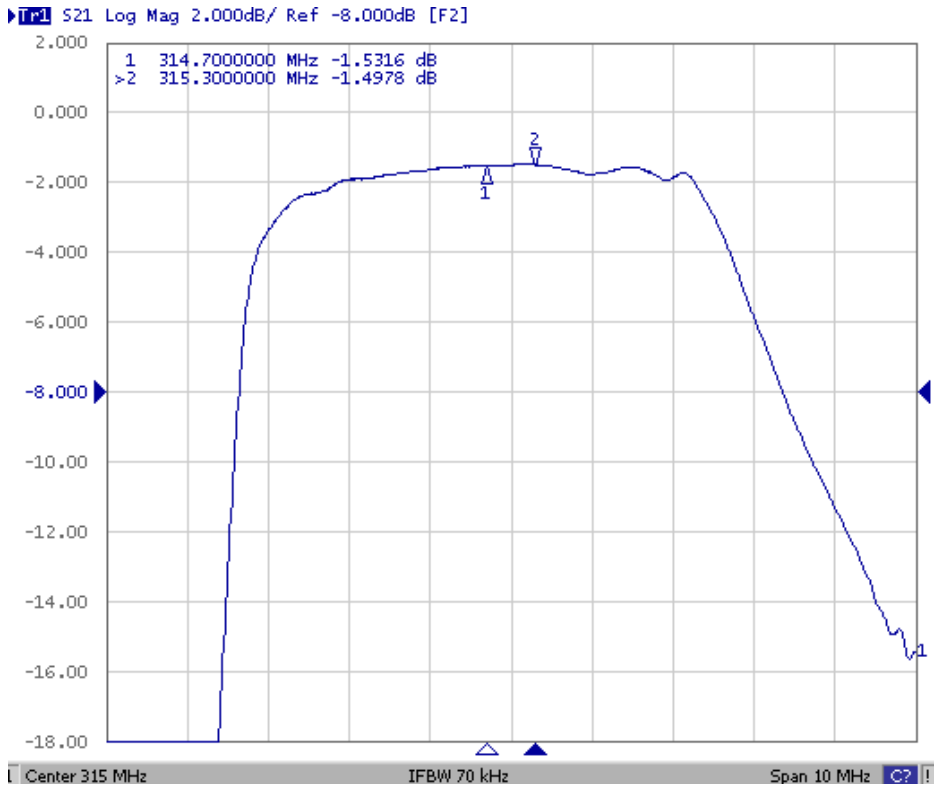
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D. FREQUENCY CHARACTERISTICS:

Transfer Function

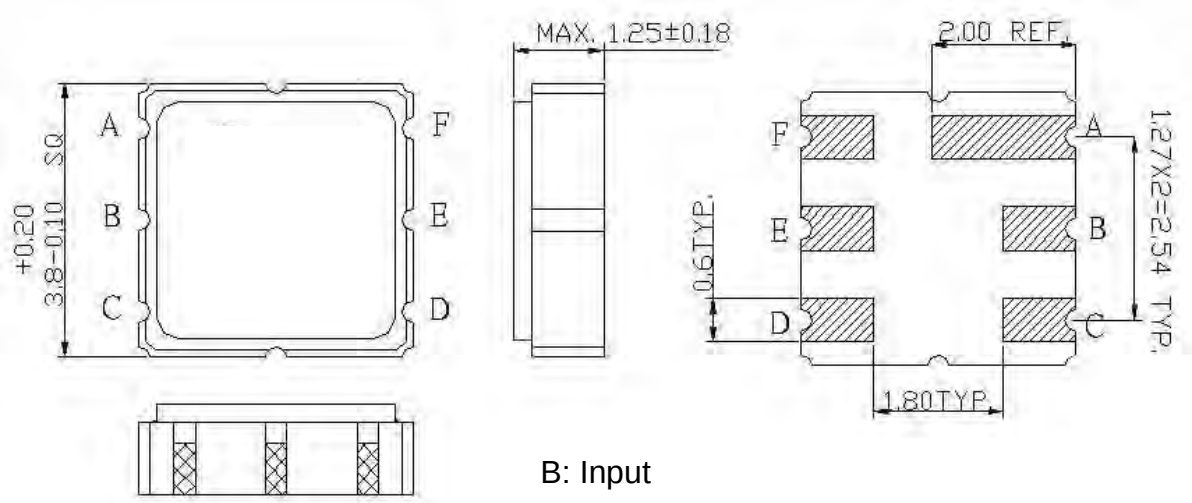




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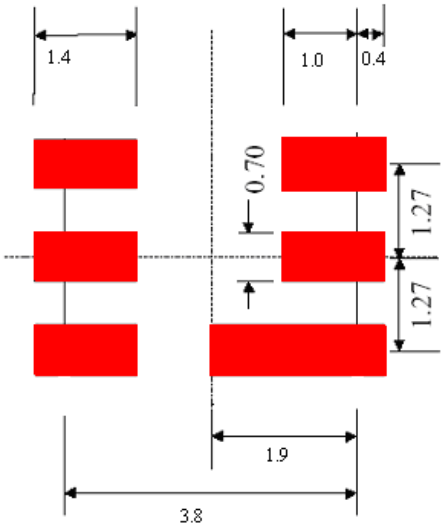
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E. OUTLINE DRAWING:



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

F. PCB FOOTPRINT:

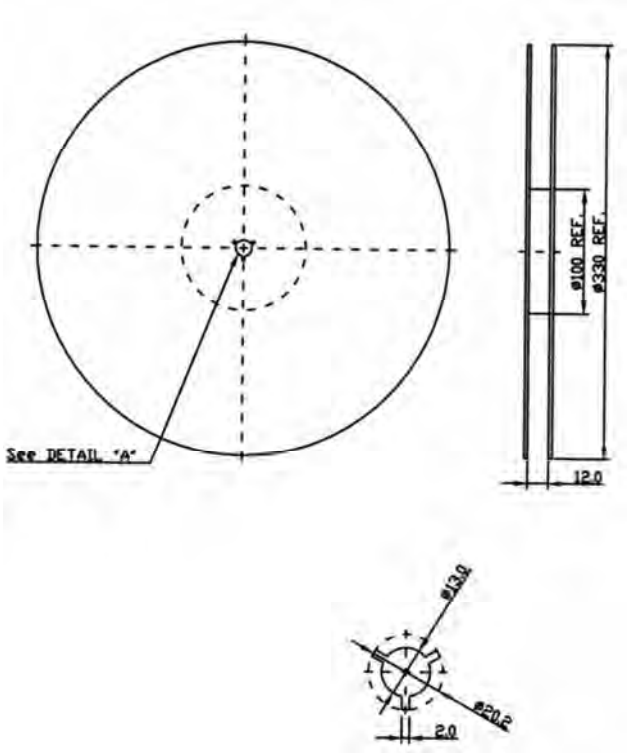


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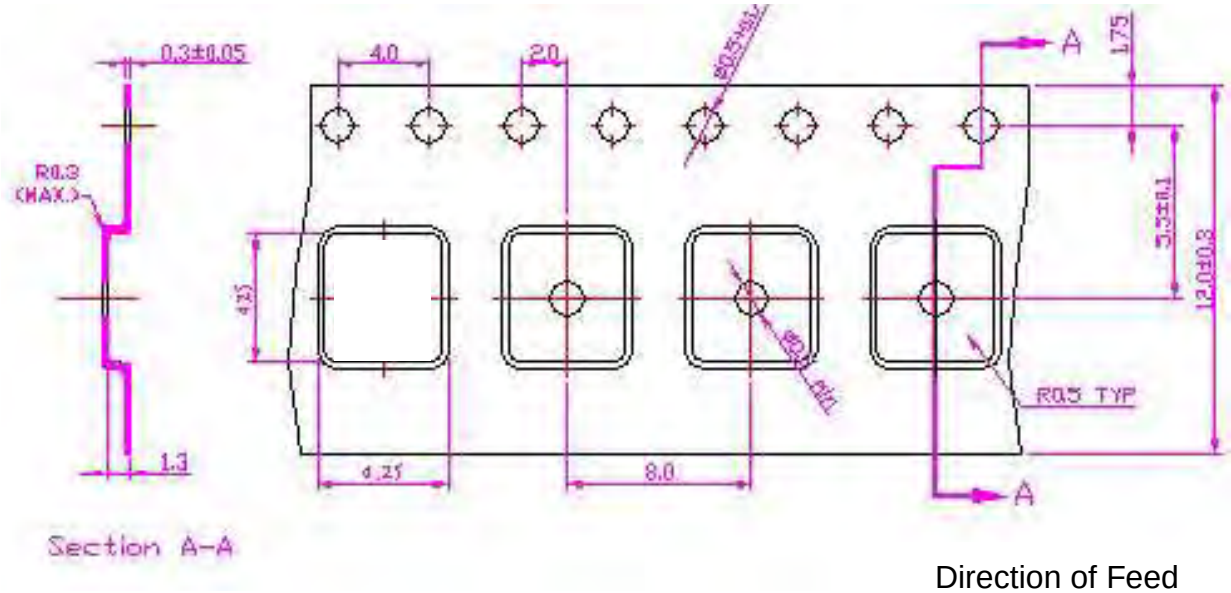
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G. PACKING:

1. Reel Dimension



2. Tape Dimension



Direction of Feed

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H. REFLOW PROFILE:

