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

SAW Filter 781.0MHz — Model: TA1298A
Part No: MP05283 — Rev No: 2

A. MAXIMUM RATING:

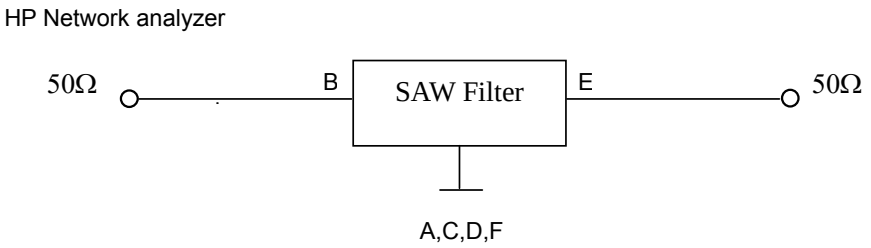
1. Input Power Level: 10dBm
2. DC voltage: 5V
3. Operating Temperature: -30°C to 60°C
4. Storage Temperature: -30°C to +85°C

B. CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.
Center frequency Fc MHz		-	781	-
3dB Bandwidth MHz	dB	24	33	-
Amplitude ripple 769 ~ 793MHz	dB	-	1.4	1.7
Insertion loss 769 ~ 793MHz	dB	-	2.4	3.0
Group Delay variation within 769 ~ 793MHz	ns	-	25	200
Attenuation (reference from 0dB)				
0.3 ~ 706MHz	dB	40	52	-
706 ~ 755MHz	dB	10	22	-
807 ~ 871 MHz	dB	10	20	-
871 ~ 900MHz	dB	40	53	-
900 ~ 1205MHz	dB	45	52	-
Source impedance Z_S	Ω	-	50	-
Load impedance Z_L	Ω	-	50	-

Note 1. No matching network required for operation at 50Ω

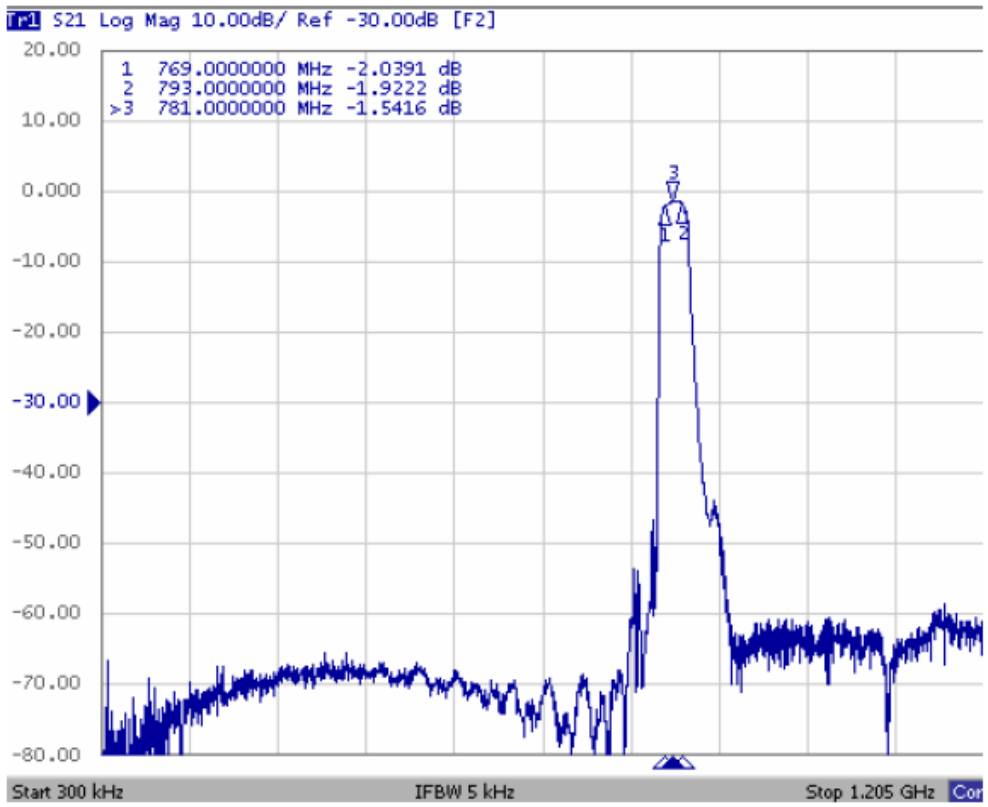
C. MEASUREMENT CIRCUIT:

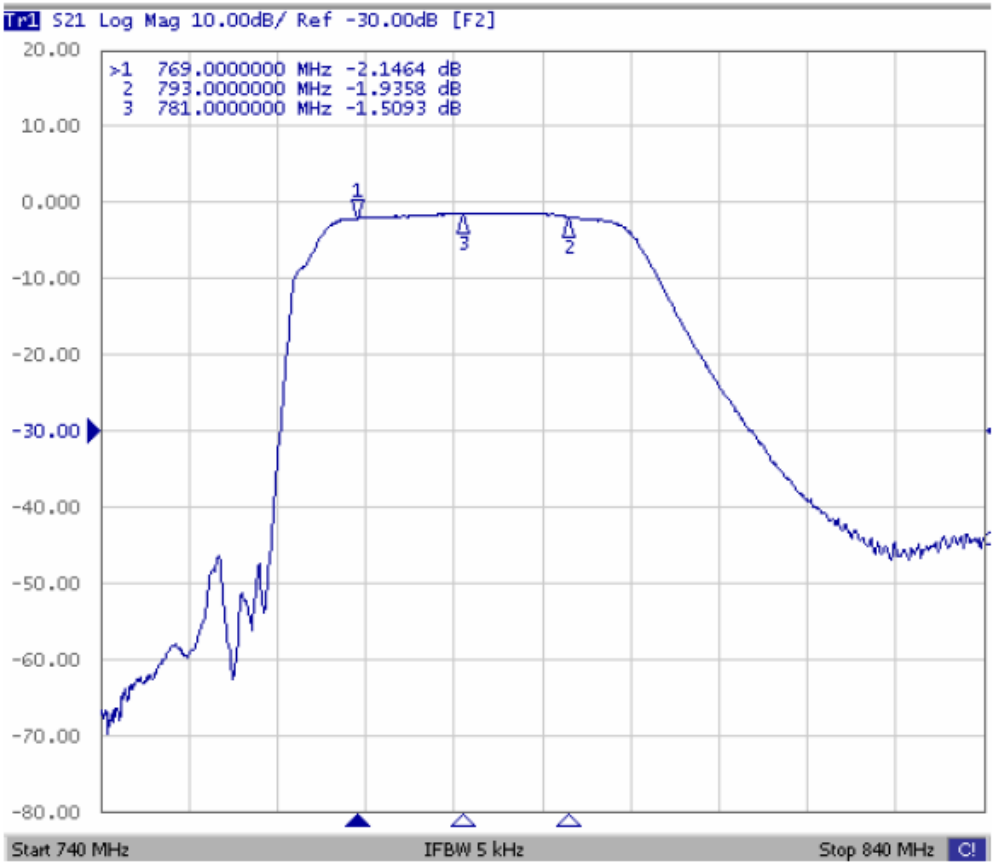


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D. FREQUENCY CHARACTERISTICS:

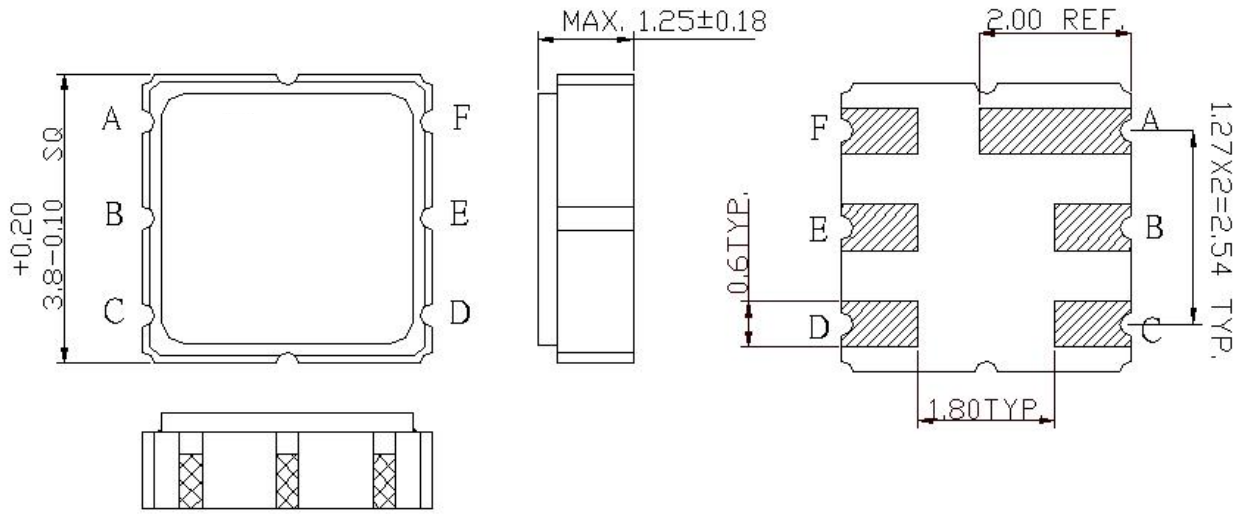




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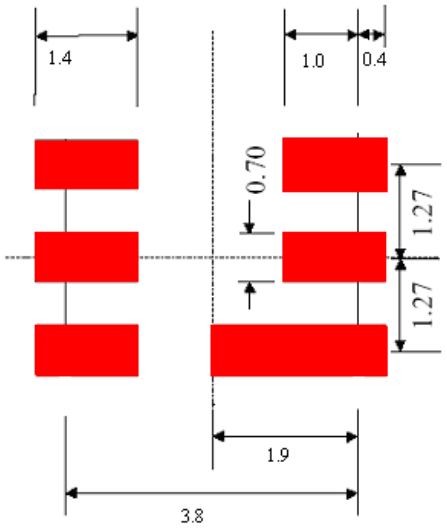
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E. OUTLINE DRAWING:



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

F. PCB FOOTPRINT:

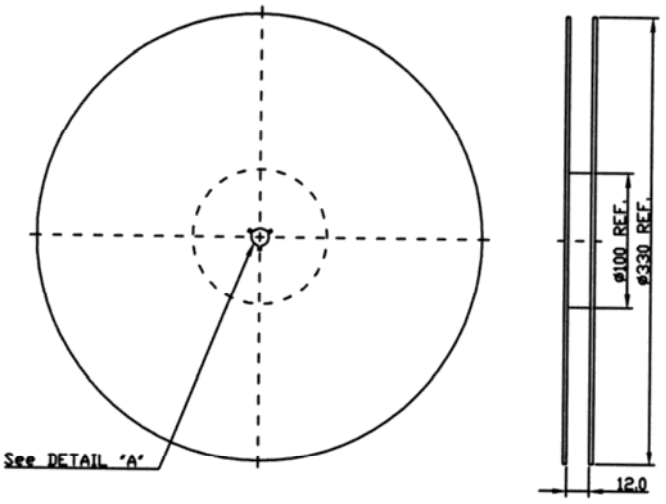


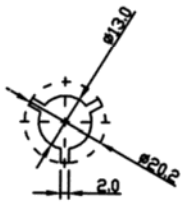
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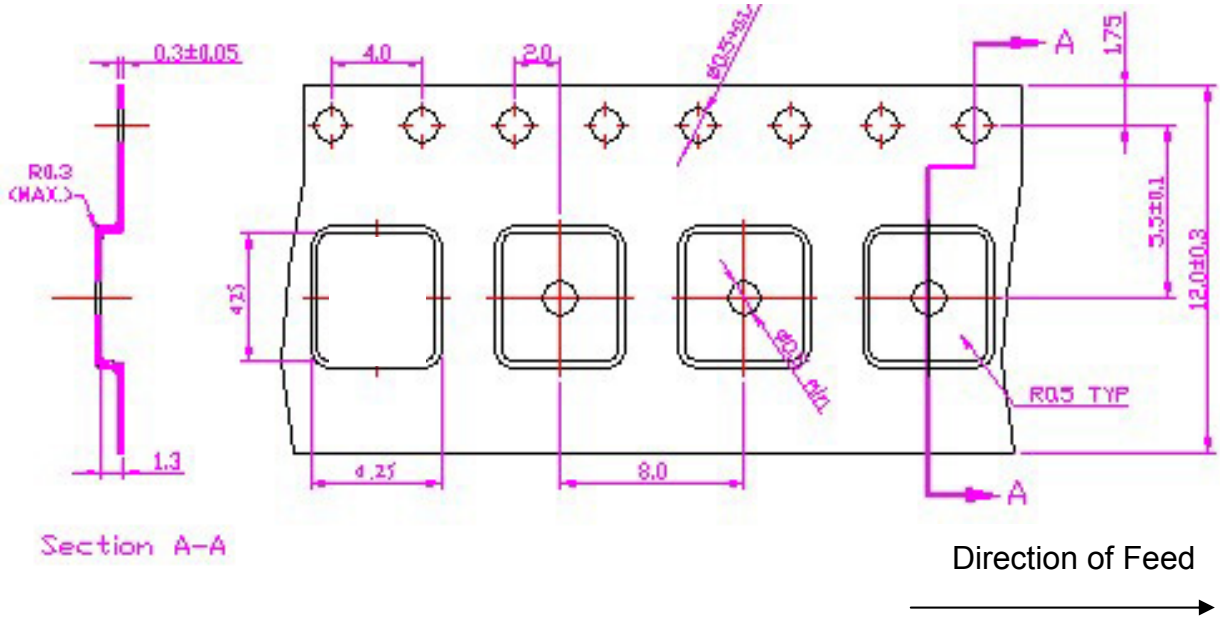
G. PACKING:

1. Reel Dimension





2. Tape Dimension



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H. RECOMMENDED REFLOW PROFILE:

