

SAW Filter 806.0MHz
Part No: MP09825

Model: TA1299A
Rev No: 1

A. MAXIMUM RATING:

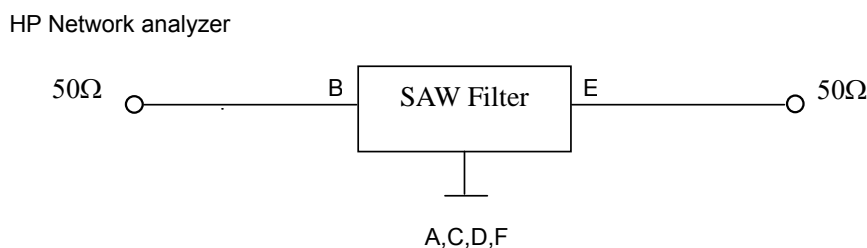
1. Input Power Level: 10dBm
2. DC voltage: 5V
3. Operating Temperature: -30°C to 60°C
4. Storage Temperature: -30°C to +85°C

B. CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.
Center frequency Fc MHz		-	806	-
3dB Bandwidth MHz	dB	25.5	33	-
Amplitude ripple 793.6 ~ 819.1MHz	dB	-	1.4	1.7
Insertion loss 793.6 ~ 819.1MHz	dB	-	2.4	3.0
Group Delay variation within 793.6 ~ 819.1MHz	ns	-	25	200
Attenuation (reference from 0dB)				
0.3 ~ 730MHz	dB	40	52	-
730 ~ 780MHz	dB	10	22	-
832 ~ 896MHz	dB	10	20	-
896 ~ 930MHz	dB	40	53	-
930 ~ 1205MHz	dB	45	52	-
Source impedance Z _S	Ω	-	50	-
Load impedance Z _L	Ω	-	50	-

Note: No matching network required for operation at 50Ω

C. MEASUREMENT CIRCUIT:

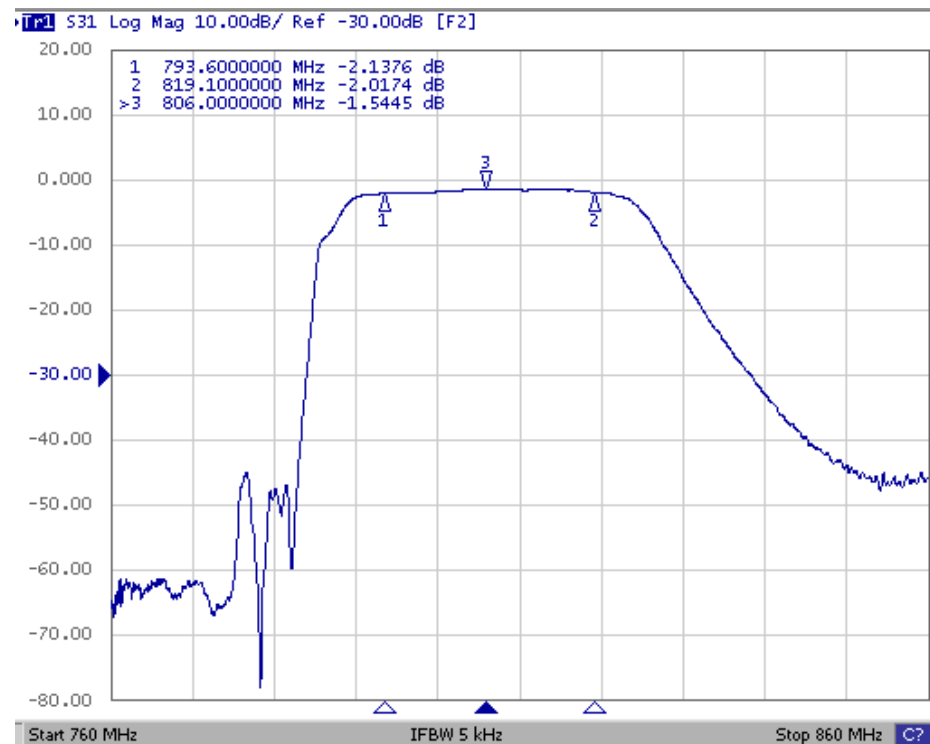
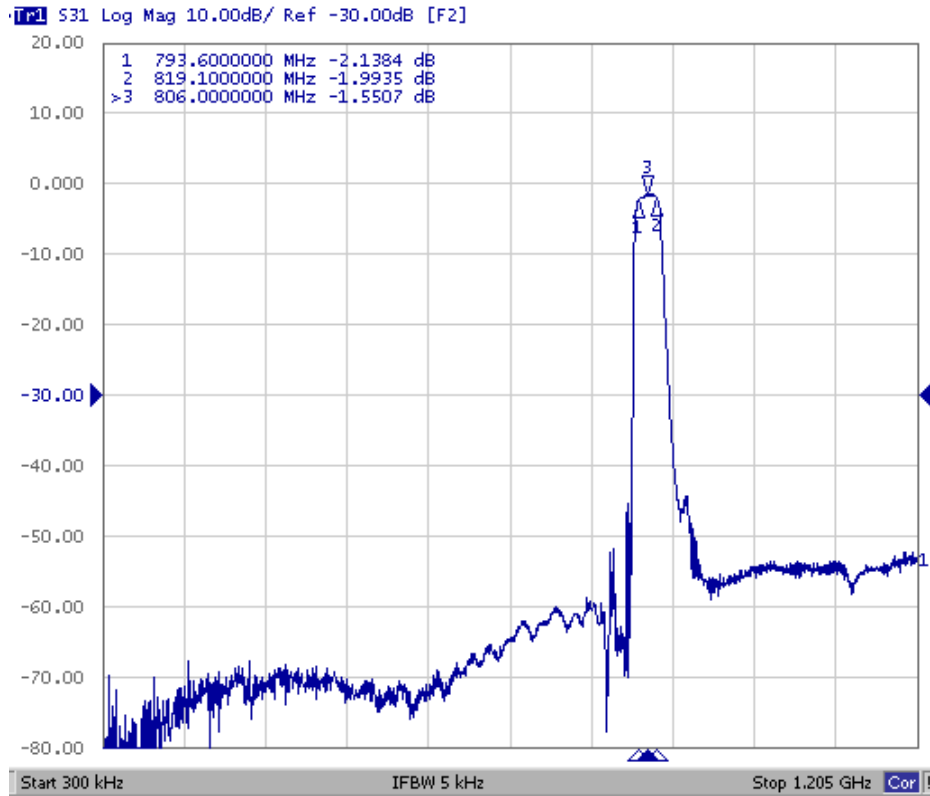


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D. FREQUENCY CHARACTERISTICS:

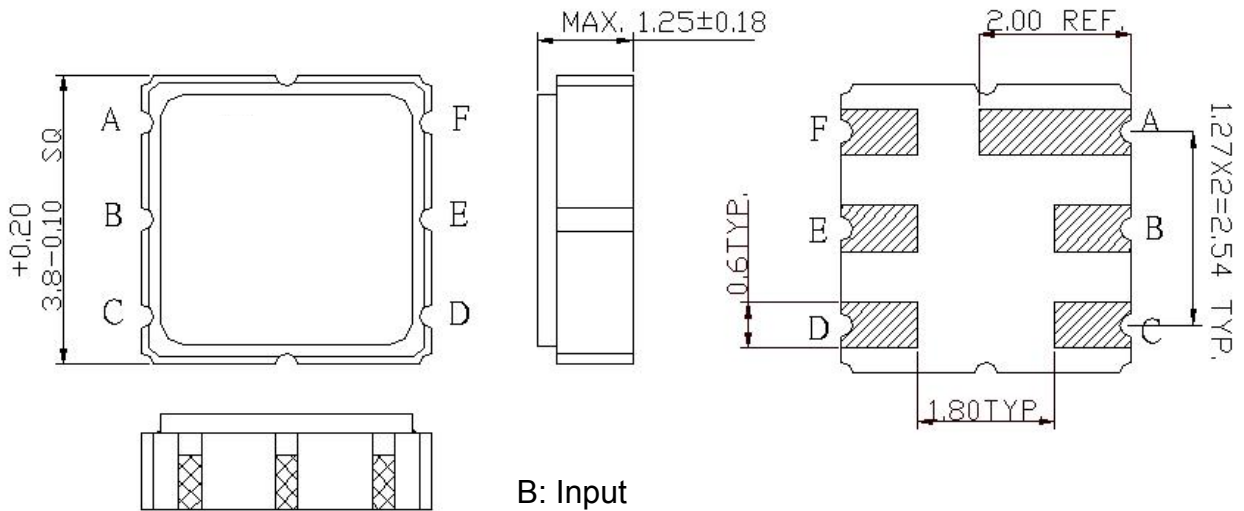
Transfer Function



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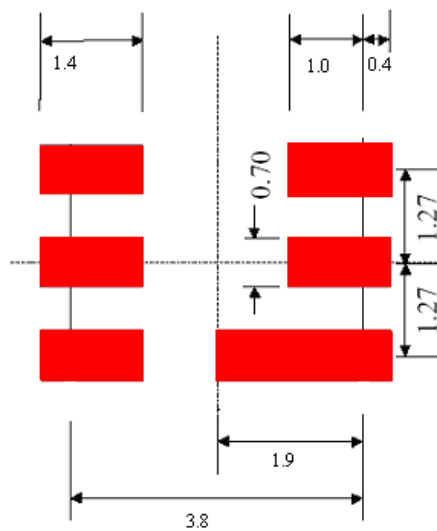
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E. OUTLINE DRAWING:



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

F. PCB FOOTPRINT:

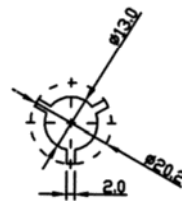
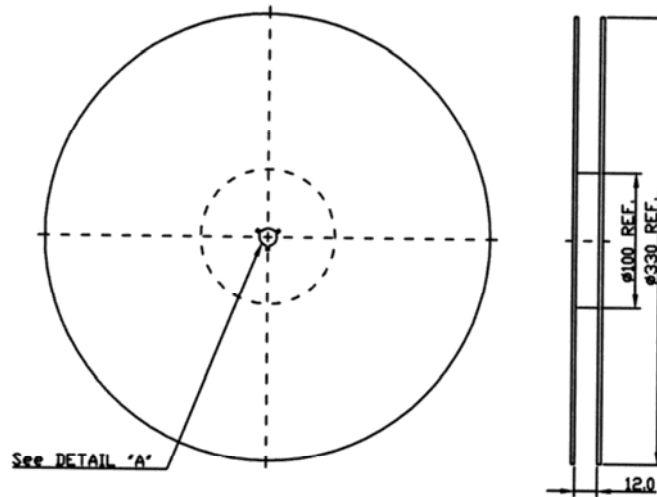


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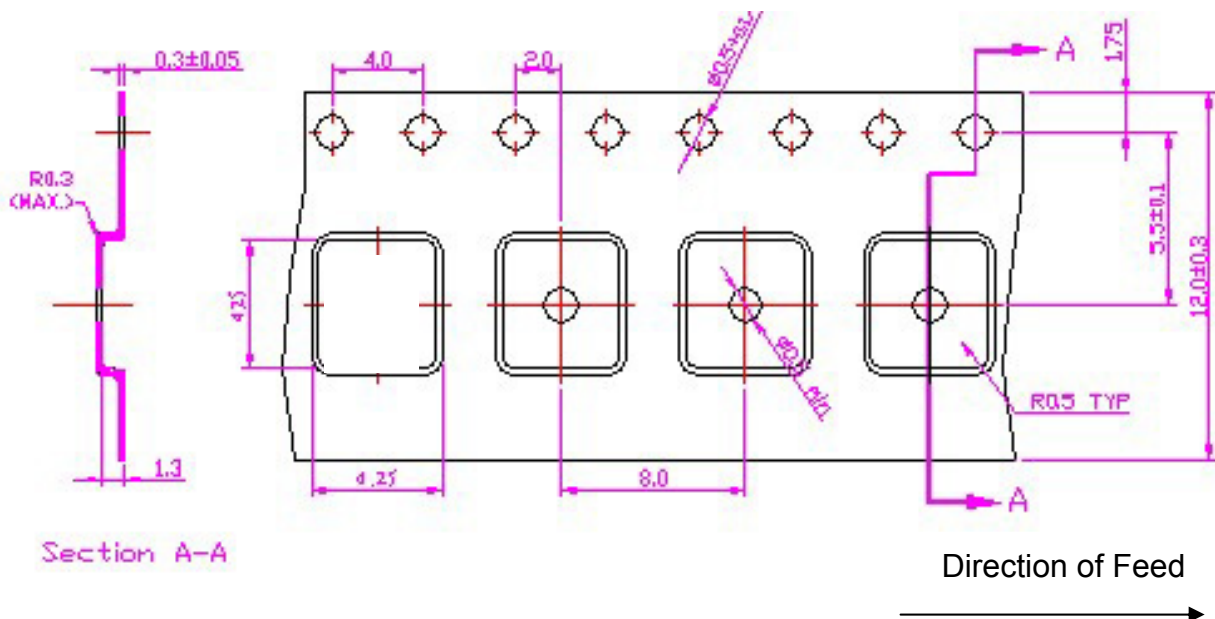
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G. PACKING:

1. Reel Dimension



2. Tape Dimension



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H. RECOMMENDED REFLOW PROFILE:

