

**SAW Filter 895.0MHz**  
**Part No: MP07297**

**Model: TA1427A**  
**Rev No: 1**

**A. MAXIMUM RATING:**

Electrostatic Sensitive Device (ESD)

1. Input Power Level: 15dBm
2. DC Voltage: 5V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -40°C to +85°C

**B. ELECTRICAL CHARACTERISTICS:**

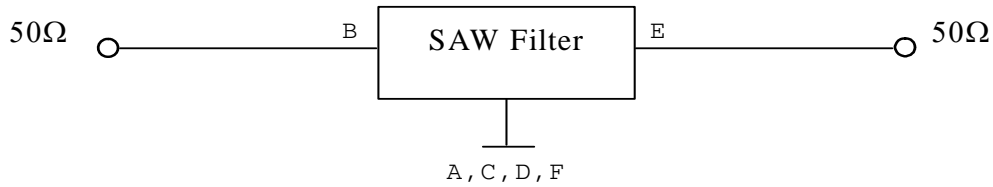
Item	Unit	Min.	Typ.	Max.
Center frequency Fc	MHz	-	895	-
Insertion Loss (894 ~ 896MHz) IL	dB	-	2.6	3.2
Amplitude Ripple (894 ~ 896MHz)	dB	-	0.3	1.2
Input / Output Return Loss (894 ~ 896MHz)	dB	9	12	-
Attenuation (Reference level from 0dB)				
10 ~ 851MHz	dB	40	56	-
1030 ~ 1100MHz	dB	40	54	-
1100 ~ 2600MHz	dB	25	33	-
Temperature coefficient of frequency TCf	ppm/°C	-	-36	-

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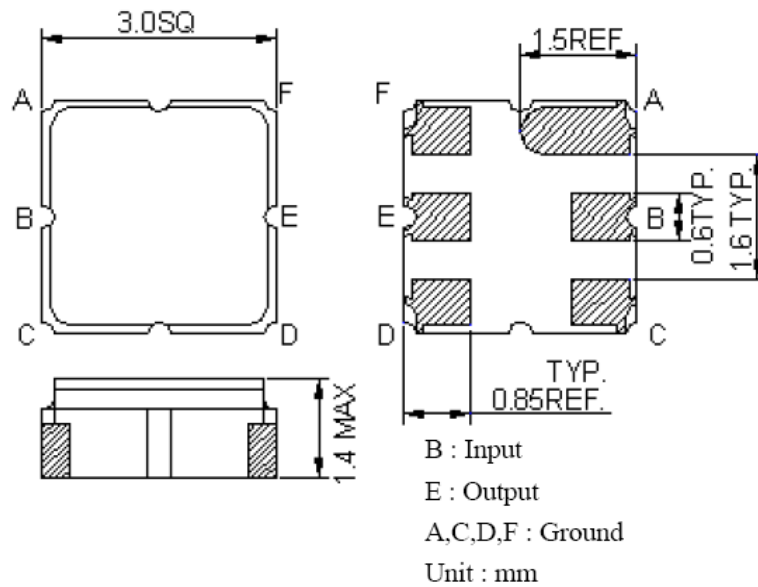
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**C. MEASUREMENT CIRCUIT:**

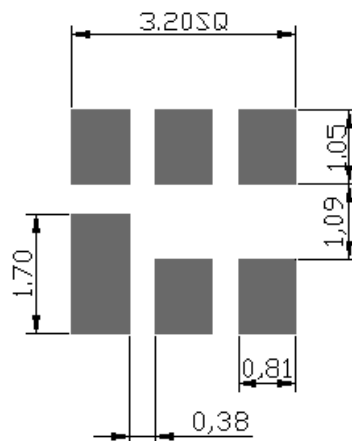
HP Network analyzer



**D. OUTLINE DRAWING:**



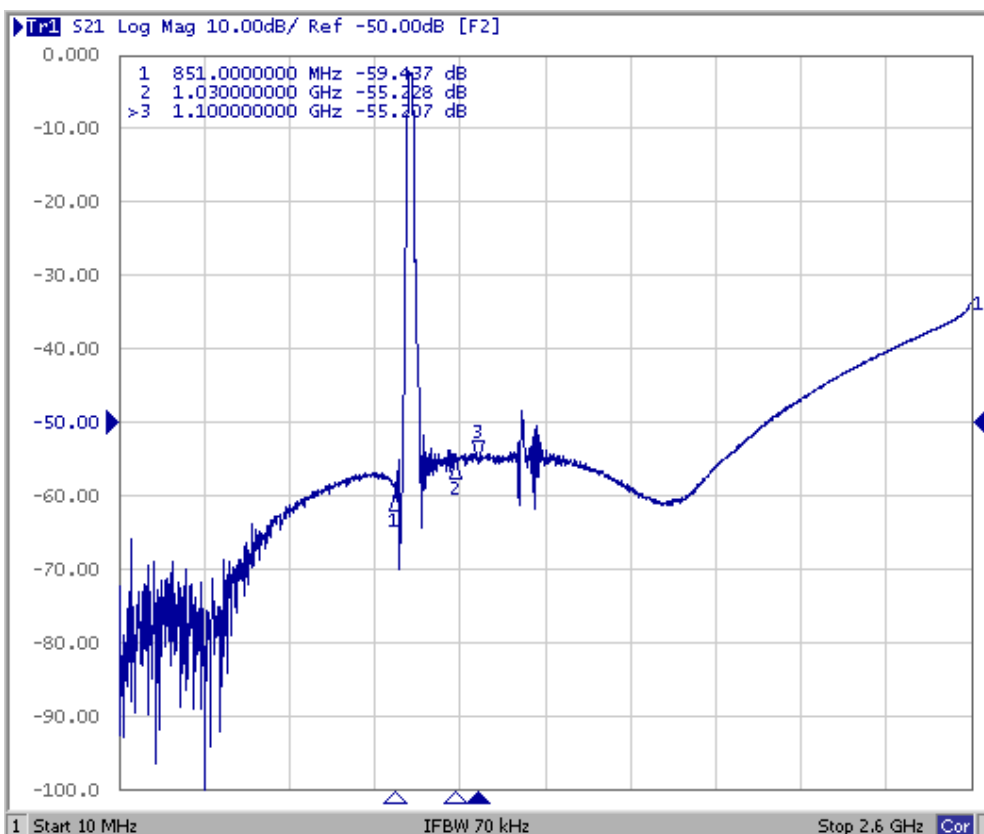
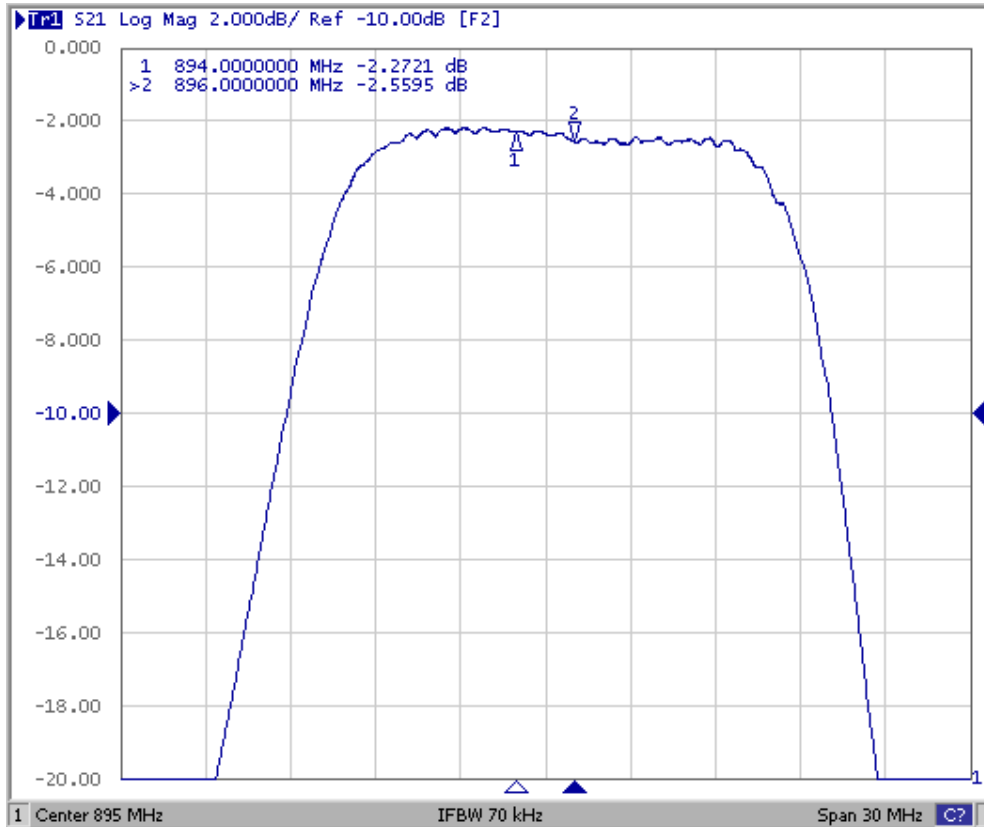
**E. PCB FOOTPRINT:**



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**F. FREQUENCY CHARACTERISTICS:**

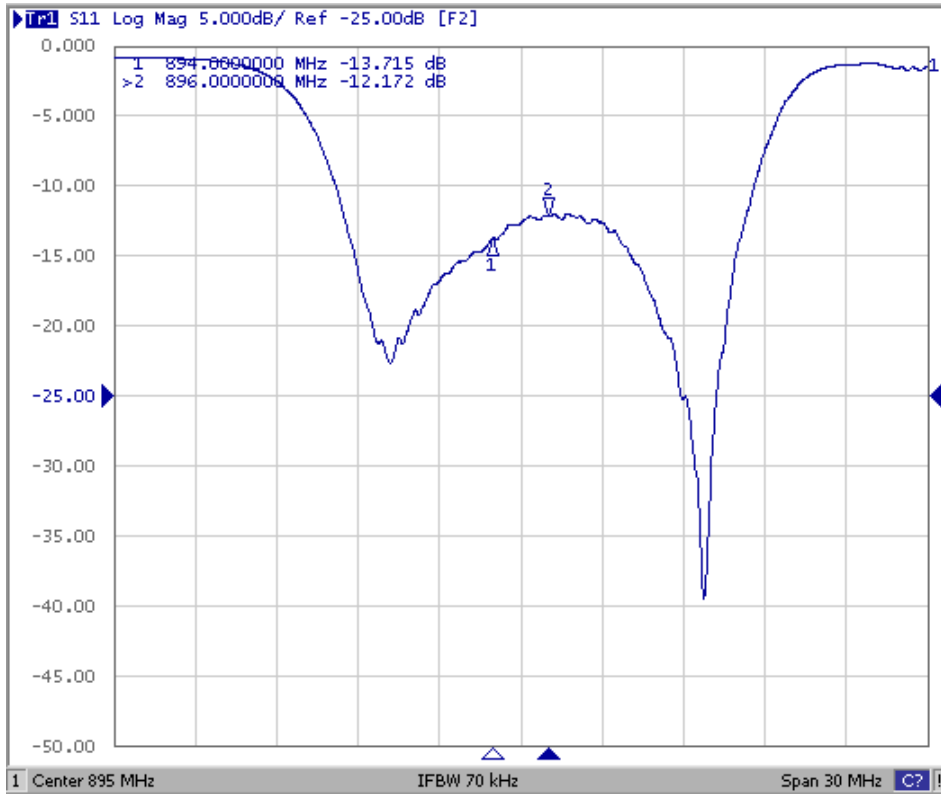


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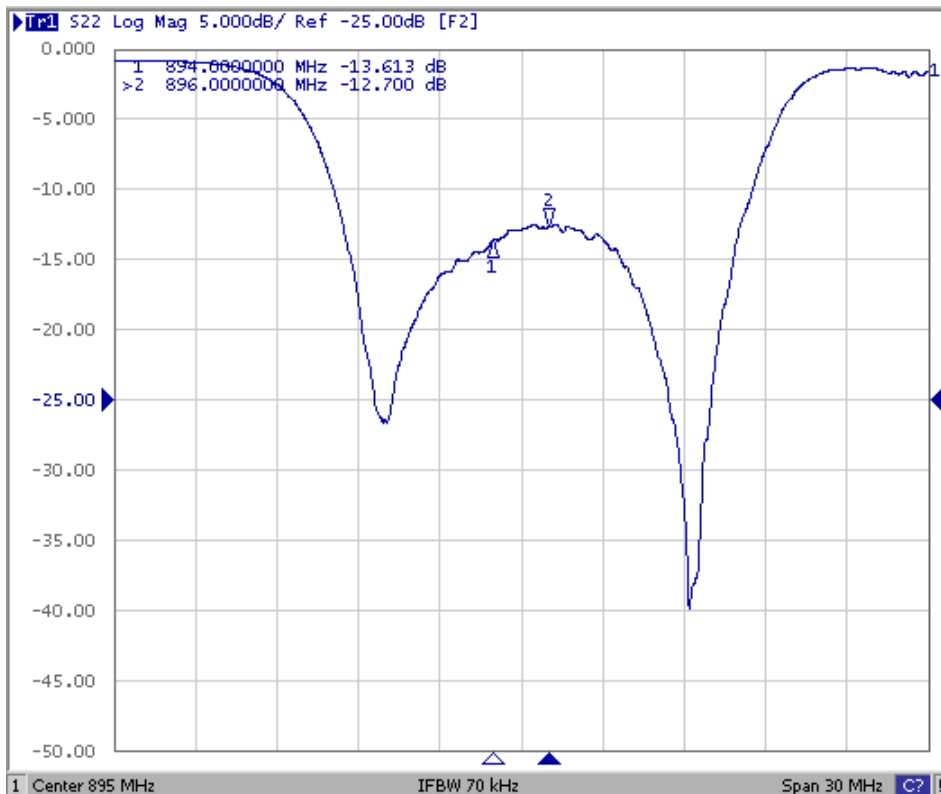
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Reflection Functions

S11



S22





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**H. RECOMMENDED REFLOW PROFILE:**

