

**SAW Filter 830.0MHz**  
**Part No: MP04878**

**Model: TA0907B**  
**Rev No: 1**

**A. MAXIMUM RATING:**

Electrostatic Sensitive Device (ESD)

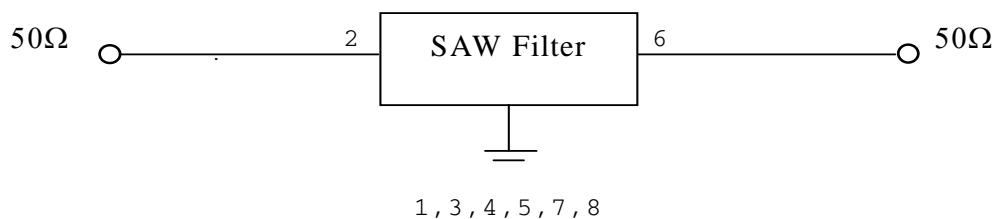
1. Input Power Level: 10dBm
2. DC voltage: 3V
3. Operating Temperature: -20°C to +70°C
4. Storage Temperature: -30°C to +85°C

**B. ELECTRICAL CHARACTERISTICS:**

Item	Unit	Min.	Typ.	Max.
Center frequency Fc	MHz	-	830	-
Insertion Loss (825 ~ 835MHz) IL	dB	-	2.7	4.2
Amplitude Ripple (825 ~ 835MHz)	dB	-	0.5	2.0
VSWR (825 ~ 835MHz)	-	-	1.4	2.3
Attenuation (Reference level from 0dB)				
0 ~ 795MHz	dB	35	57	-
843.75MHz (at 25°C only)	dB	12	20	-
865 ~ 1300MHz	dB	35	53	-
Temperature coefficient of frequency	ppm/k	-	-36	-

**C. MEASUREMENT CIRCUIT:**

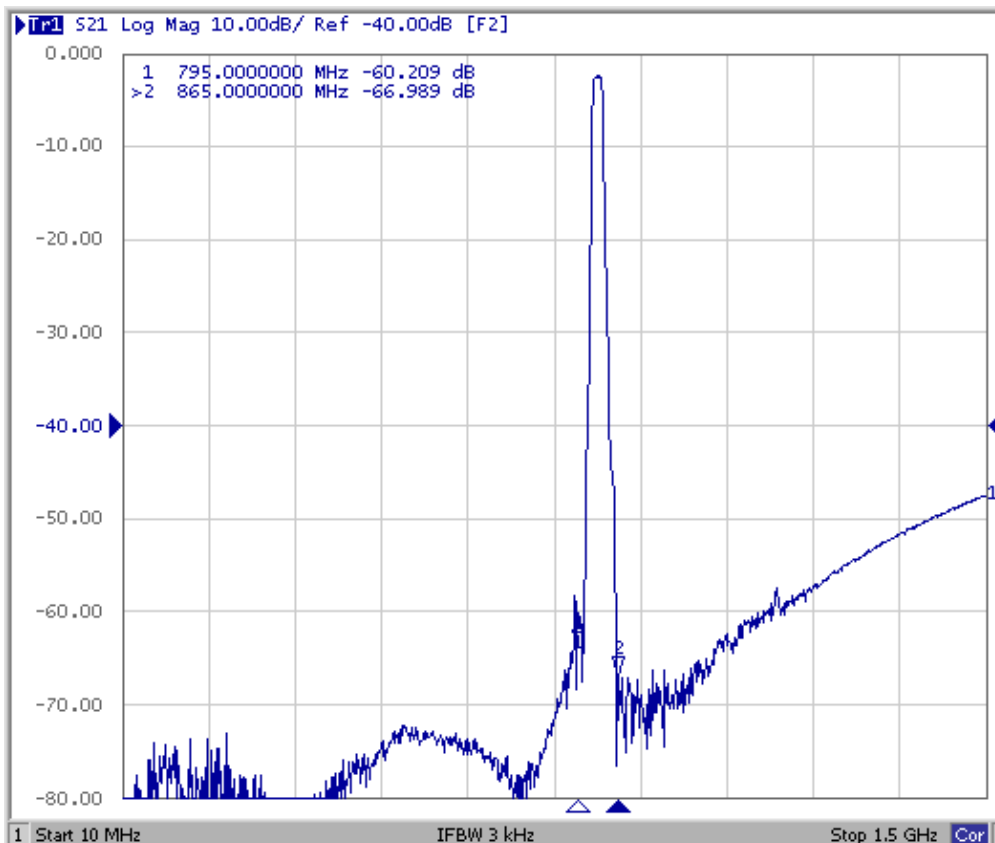
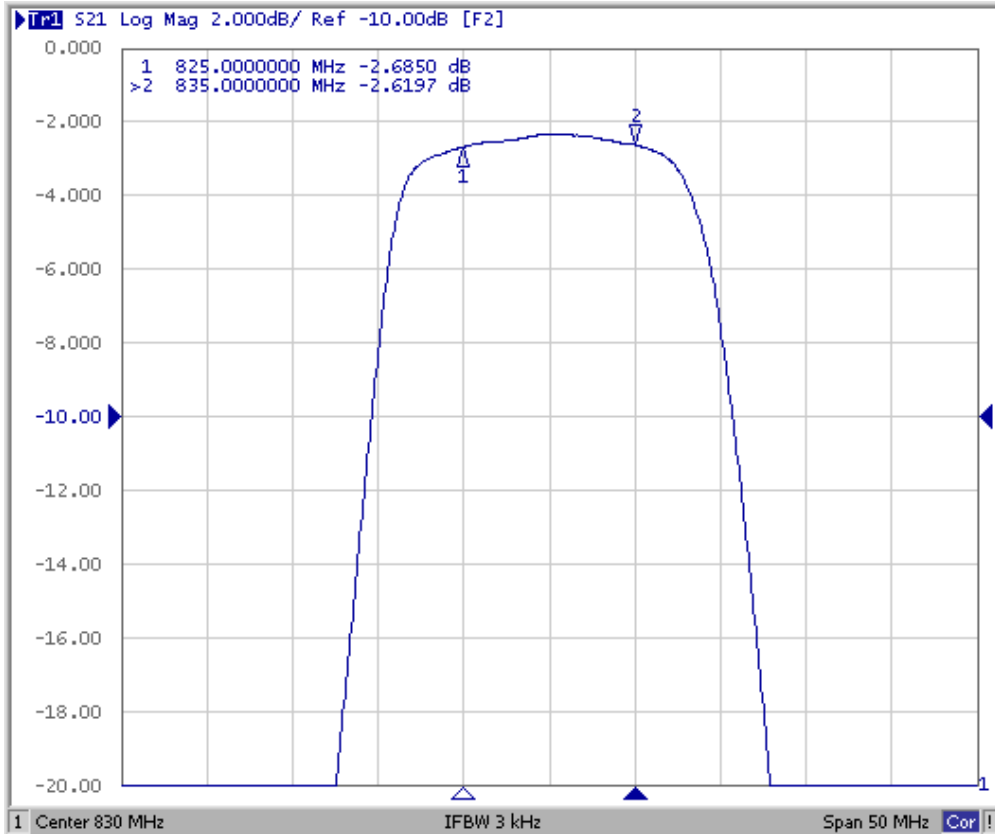
HP Network analyzer



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**D. FREQUENCY CHARACTERISTICS:**

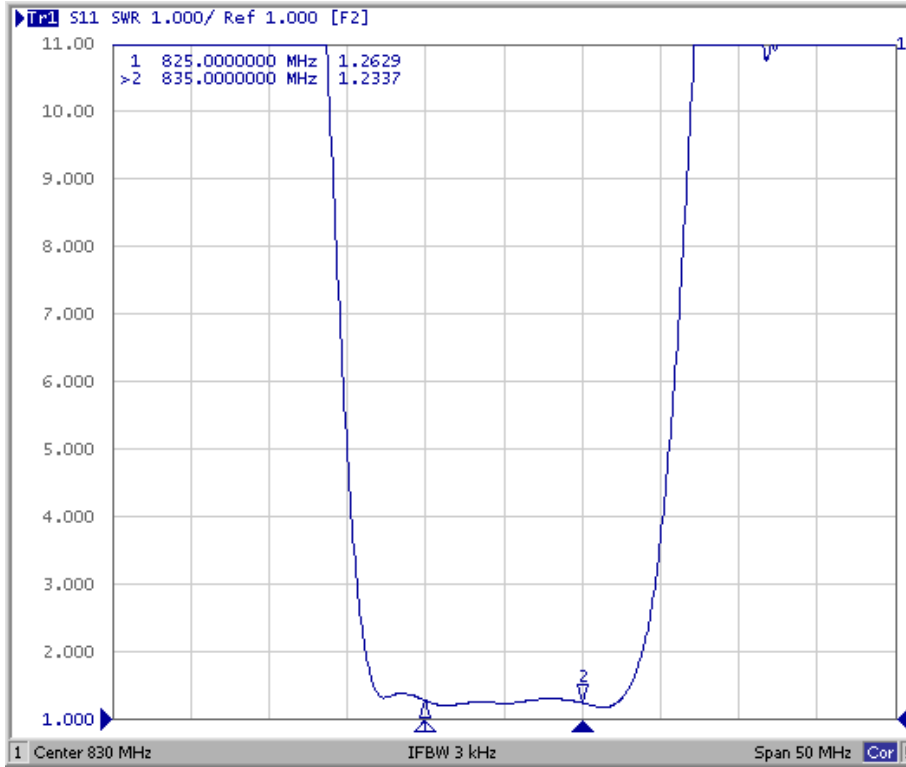


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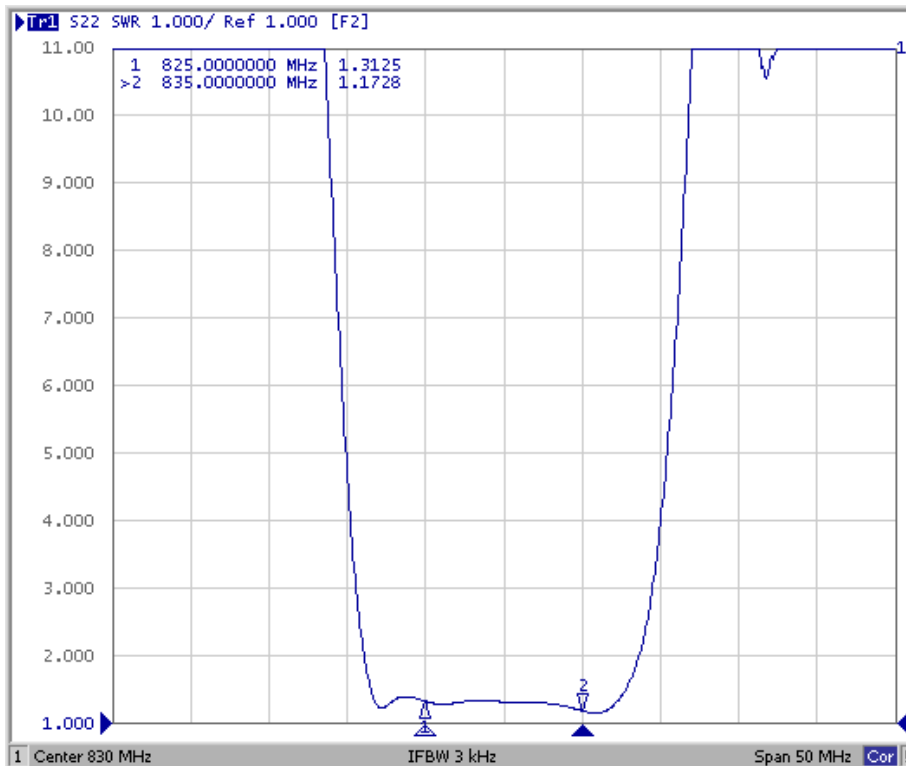
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Reflection Functions

S11



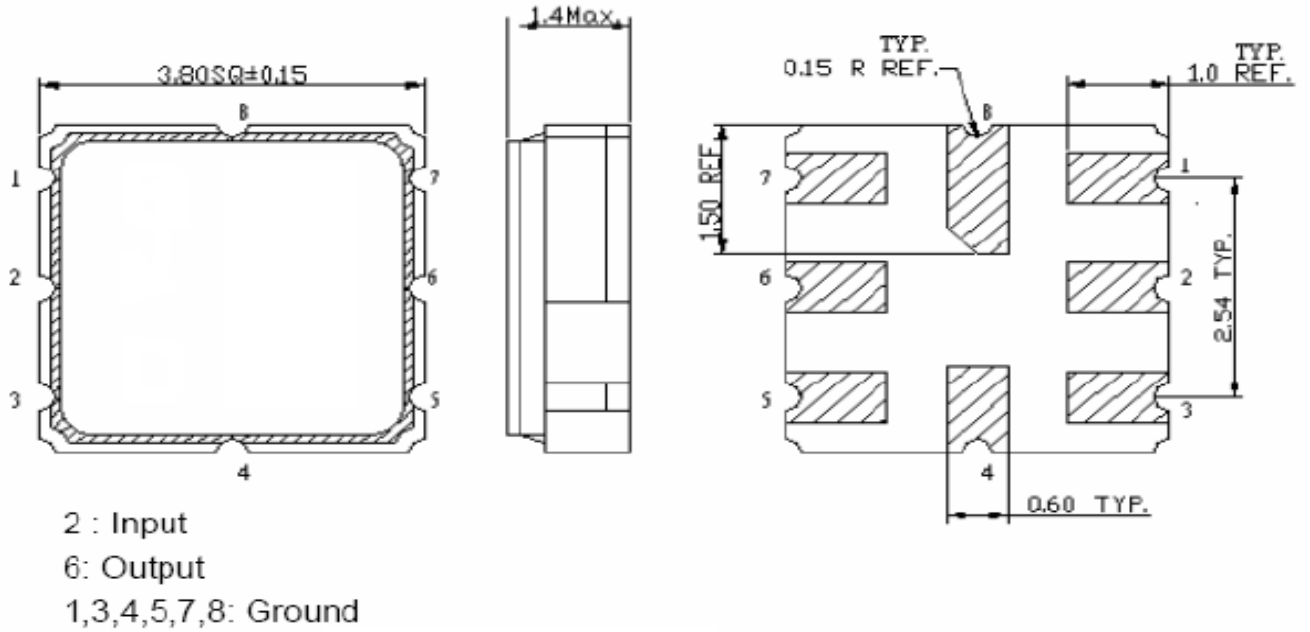
S22



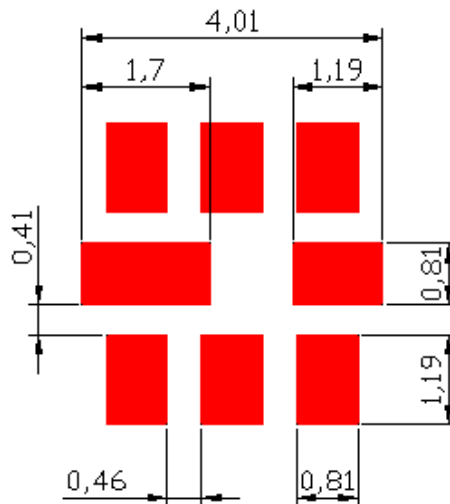
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**E. OUTLINE DRAWING:**



**F. PCB FOOTPRINT:**

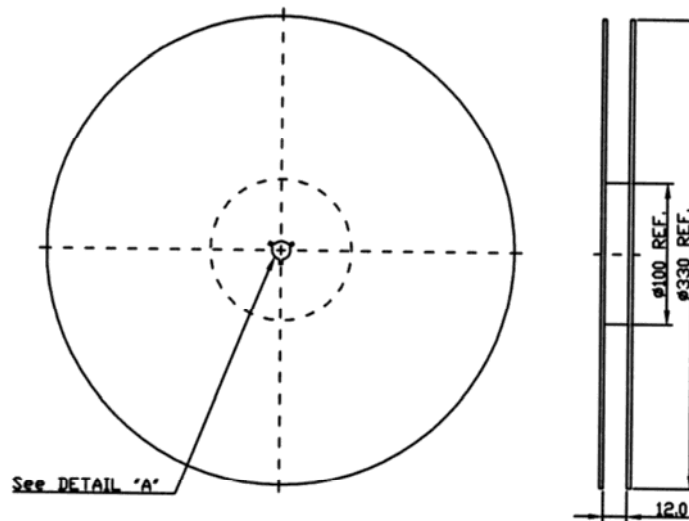


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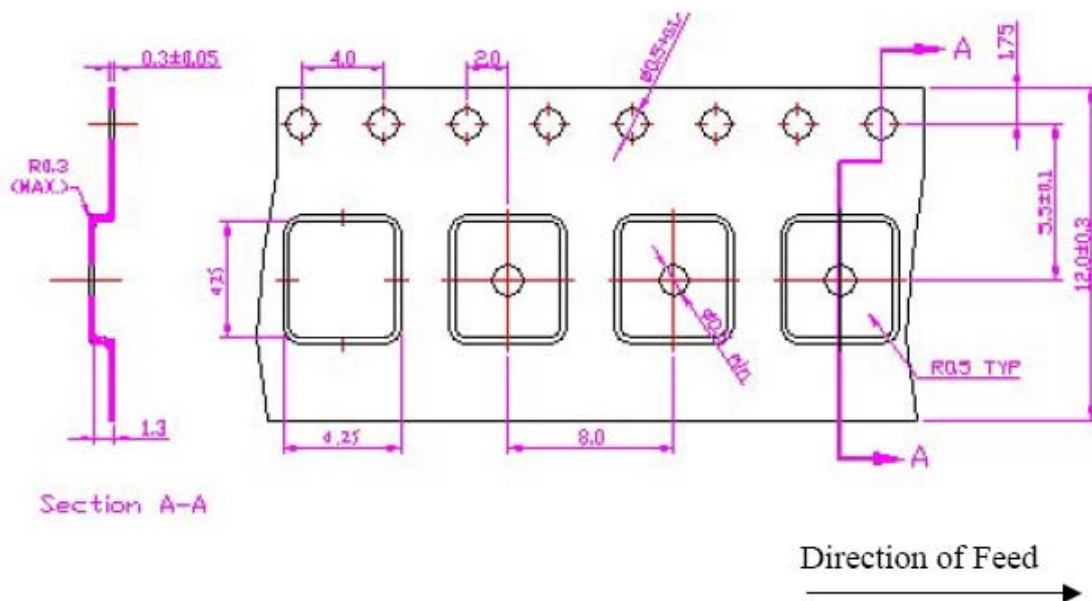
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**G. PACKING:**

1. Reel Dimension (Please refer to FR-75D10 for packing quantity)



2. Tape Dimension



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**H. RECOMMENDED REFLOW PROFILE:**

