

**SAW Filter 159.16250MHz**  
**Part No: MA06510**

**Model: TA0395A**  
**Rev No: 3**

**A. MAXIMUM RATING:**

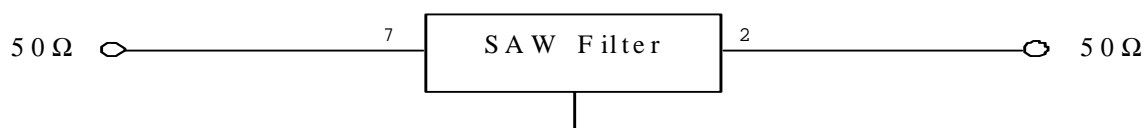
1. Input Power Level: 20dBm (continuous without damage)
2. DC voltage: 5V
3. Operating Temperature: -30°C to +70°C
4. Storage Temperature: -40°C to +85°C

**B. ELECTRICAL CHARACTERISTICS:**

Item	Unit	Min.	Typ.	Max.
Center Frequency Fc	MHz	-	159.1625	-
Insertion Loss 156.3 ~ 162.025MHz IL	dB	-	2.3	3.8
Attenuation (Reference from 0dB)				
Fc -50 ~ Fc -30MHz	dB	42	57	-
Fc -30 ~ Fc -15MHz	dB	36	55	-
Fc +30 ~ Fc +50MHz	dB	42	55	-
Source impedance Z <sub>S</sub>	Ω	-	50	-
Load impedance Z <sub>L</sub>	Ω	-	50	-

**C. MEASUREMENT CIRCUIT:**

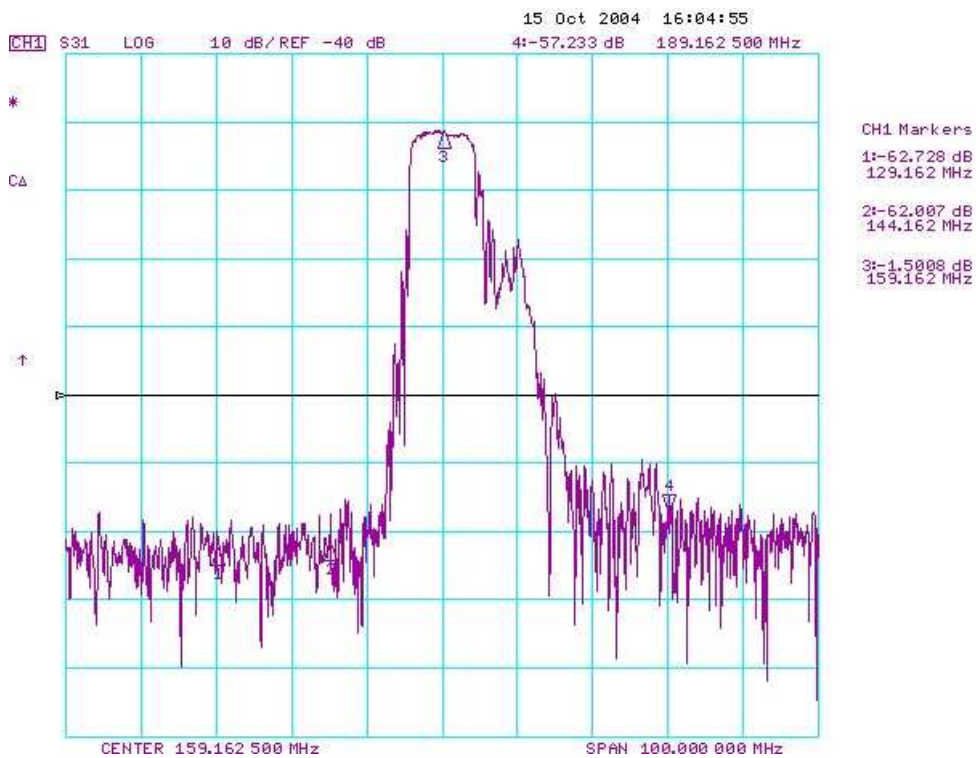
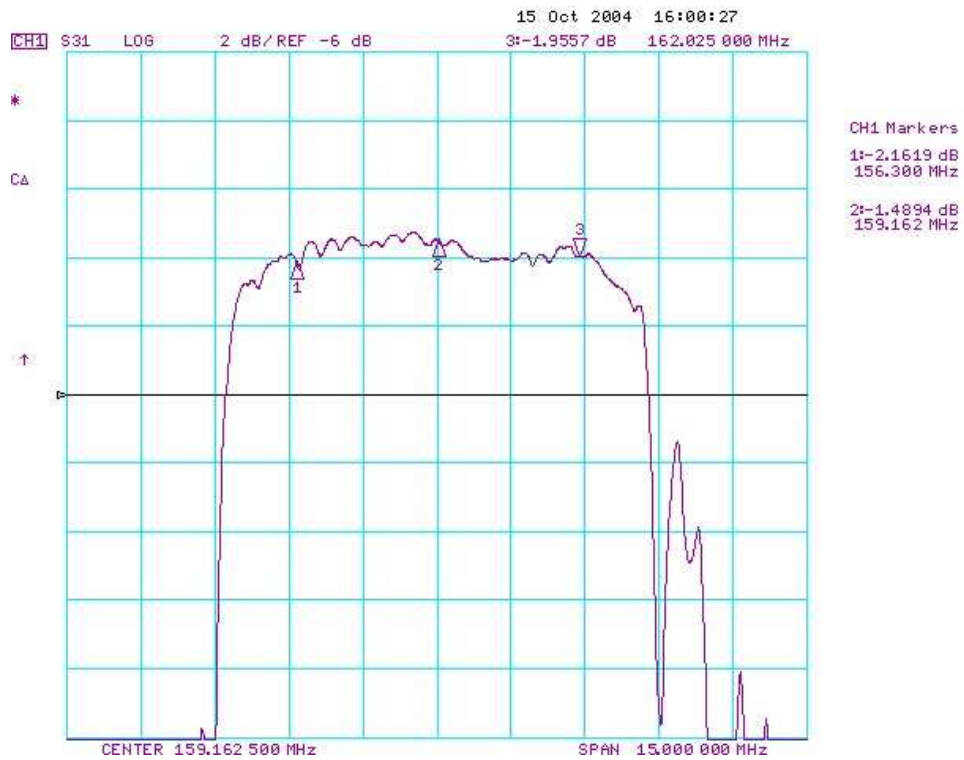
HP Network analyzer



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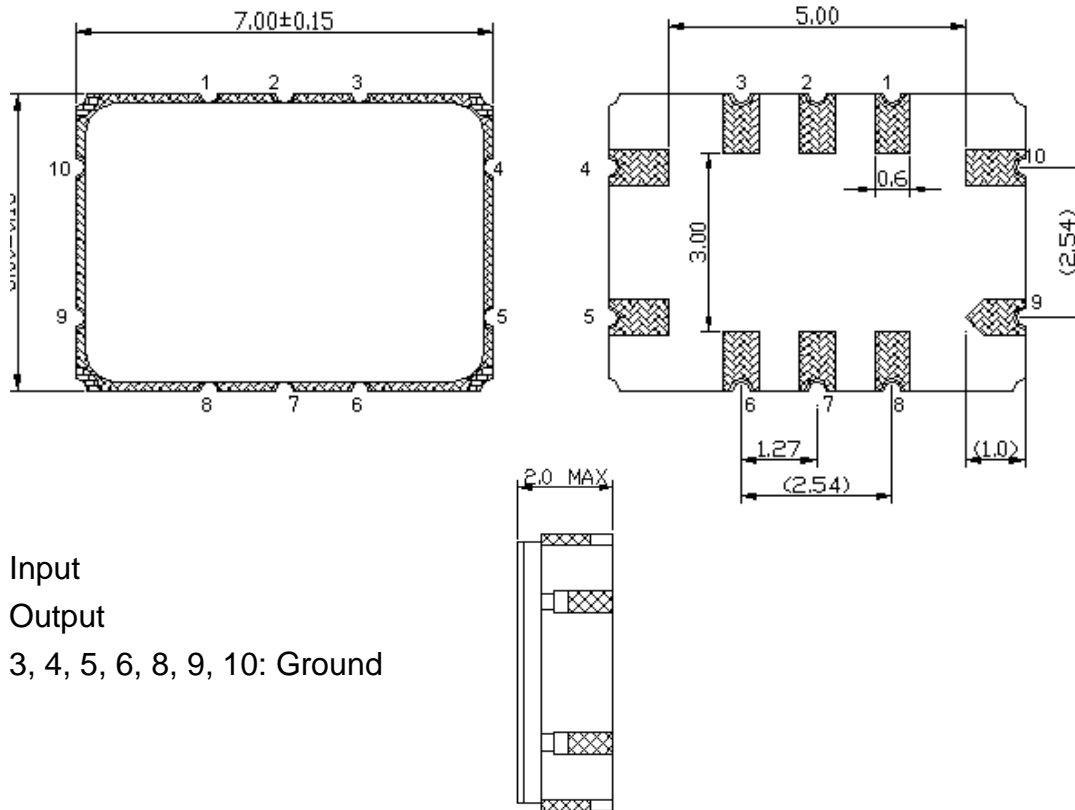
### D. FREQUENCY CHARACTERISTICS:



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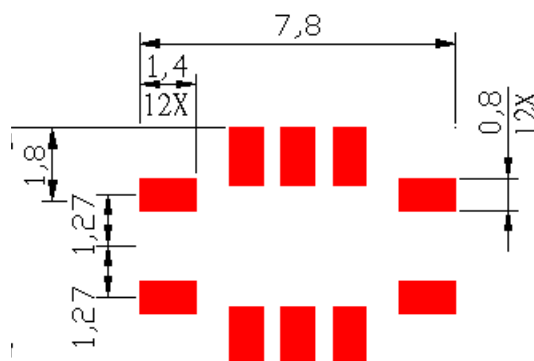
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**E. OUTLINE DRAWING:**



- 7: Input
- 2: Output
- 1, 3, 4, 5, 6, 8, 9, 10: Ground

**F. PCB FOOTPRINT:**

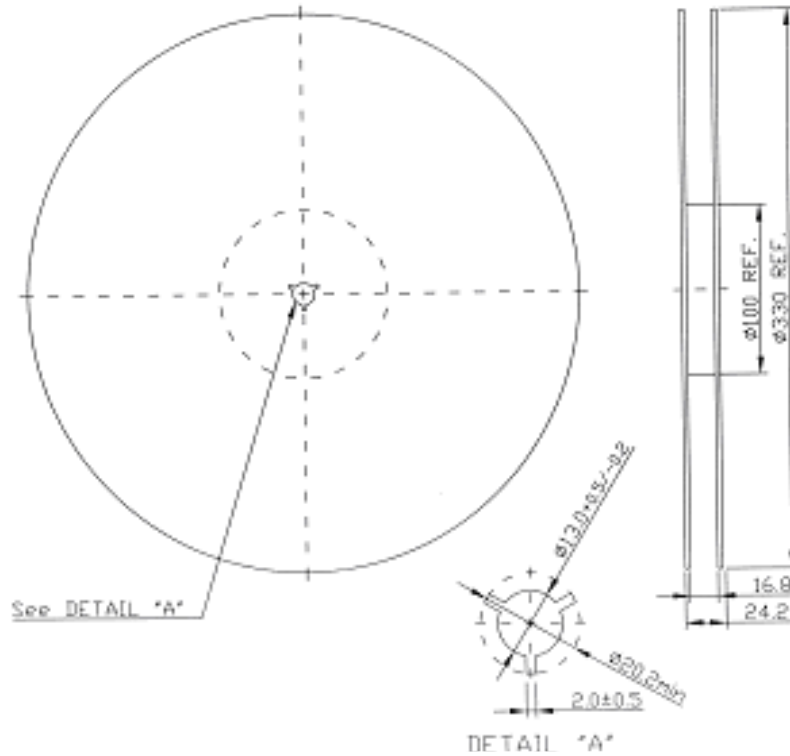


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**G. PACKING:**

**1. REEL DIMENSION**



**2. TAPE DIMENSION**

