

SAW Filter 800MHz

Model: TA0736A

Part No: MP02939

Rev No: 1

A. MAXIMUM RATING:

1. Input Power Level: 5dBm
2. DC voltage: 5V
3. Operating Temperature: -20°C to 70°C
4. Storage Temperature: -40°C to +85°C

B. CHARACTERISTICS:

Item	Min.	Typ.	Max.
Center frequency Fc MHz	-	800	-
Insertion loss 790 ~ 810MHz IL (dB)	-	2.6	4.0
Amplitude ripple 790 ~ 810MHz (dB)	-	0.8	2.0
Attenuation (Reference level from 0dB)			
600 ~ 700MHz (dB)	40	47	-
700 ~ 750MHz (dB)	30	43	-
860 ~ 900MHz (dB)	30	43	-
900 ~ 1000MHz (dB)	38	46	-
Source impedance Z_s (Ω)	-	50	-
Load impedance Z_L (Ω)	-	50	-

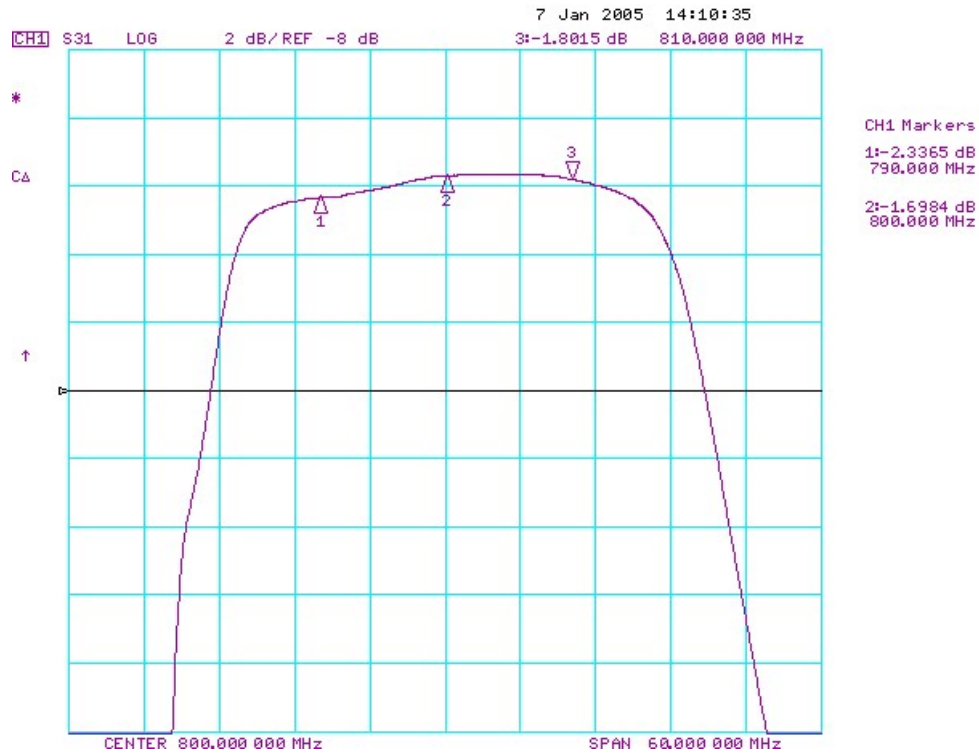
Note: No matching network required for operation at 50 Ω

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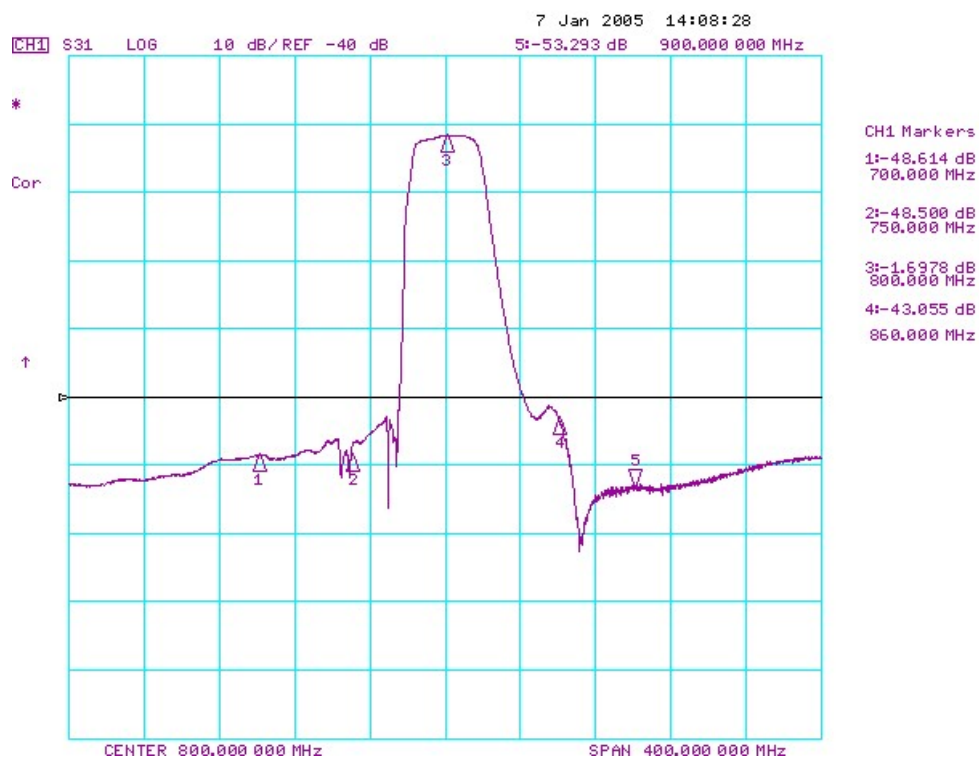
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C. FREQUENCY CHARACTERISTICS:

1. Transfer Function



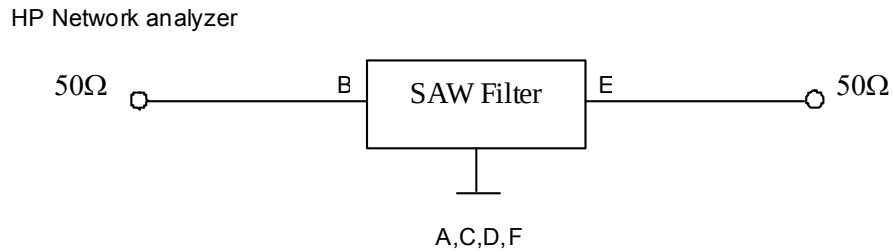
2. Wideband



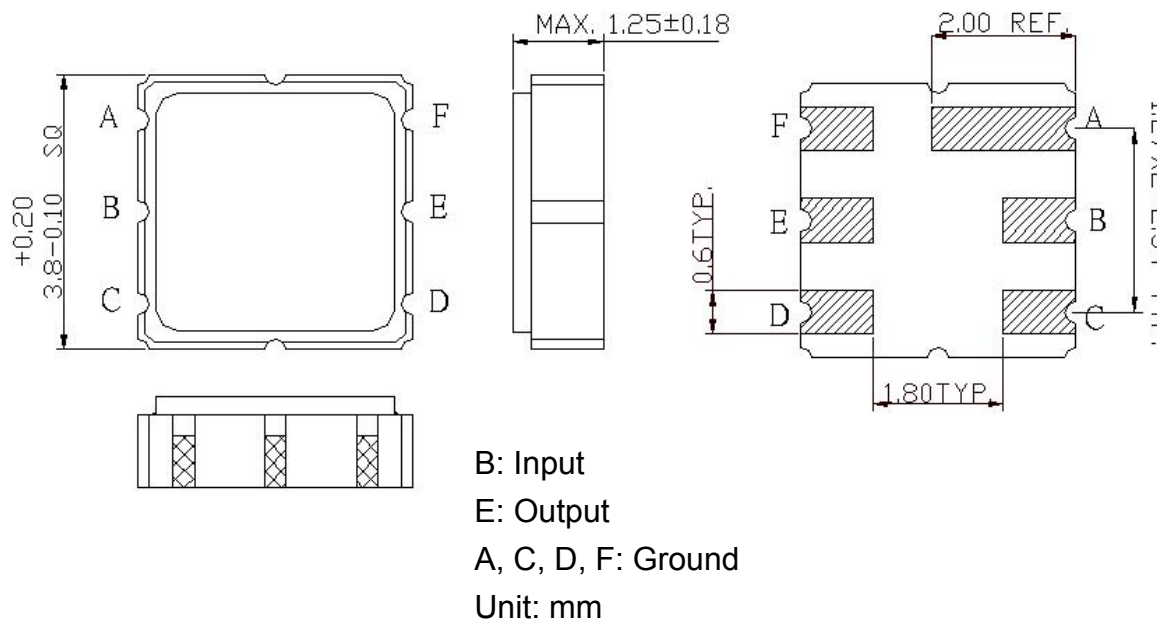
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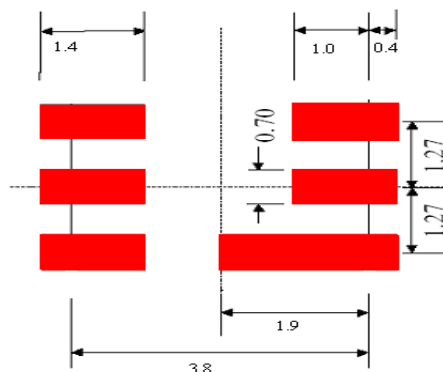
D. MEASUREMENT CIRCUIT:



E. OUTLINE DRAWING:



F. PCB FOOTPRINT:



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H. RECOMMENDED REFLOW PROFILE:

