

SAW Filter 914.50MHz
Part No: MA06216

Model: TA0380A
Rev No: 1

A. MAXIMUM RATING:

1. Input Power Level: 10dBm
2. DC voltage: 5V
3. Operating Temperature: -20°C to 65°C
4. Storage Temperature: -40°C to +85°C

B. CHARACTERISTICS:

Item	Min.	Typ.	Max.
Center frequency Fc MHz	-	914.5	-
Insertion loss 910.5 ~ 918.5MHz IL max (dB)	-	2.8	4.0
Amplitude ripple 910.5 ~ 918.5MHz (dB)	-	0.5	2.0
Attenuation (Relative to IL max)			
10.0 ~ 830.0MHz (dB)	45	52	-
830.0 ~ 893.5MHz (dB)	36	46	-
893.5 ~ 895.5MHz (dB)	27	41	-
959.0 ~ 980.0MHz (dB)	32	46	-
980.0 ~ 1200.0MHz (dB)	42	47	-
Source impedance Z _S (Ω)	-	50	-
Load impedance Z _L (Ω)	-	50	-

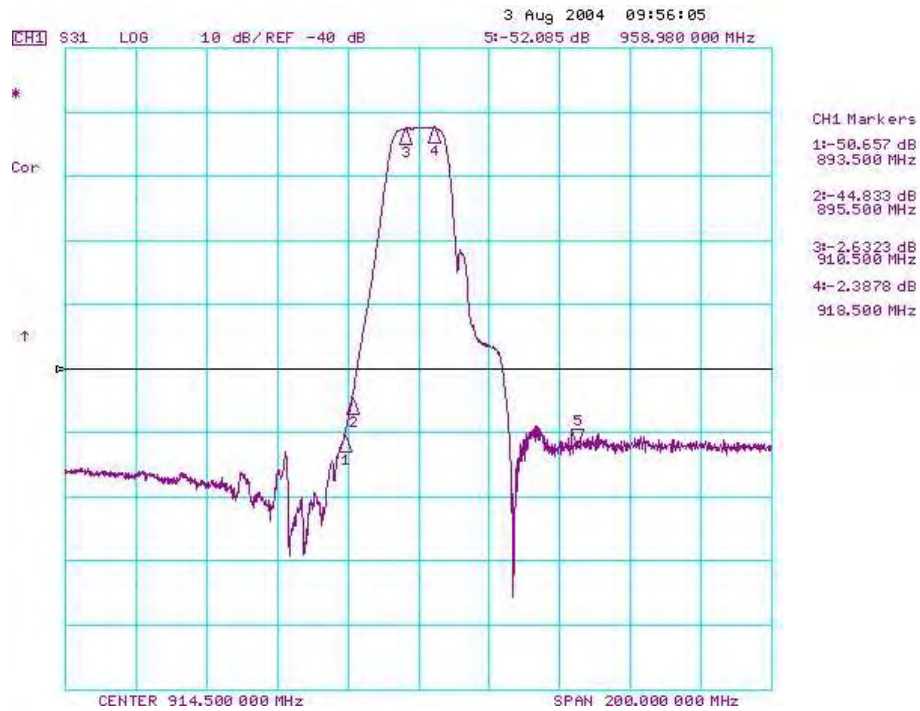
Note: No matching network required for operation at 50Ω

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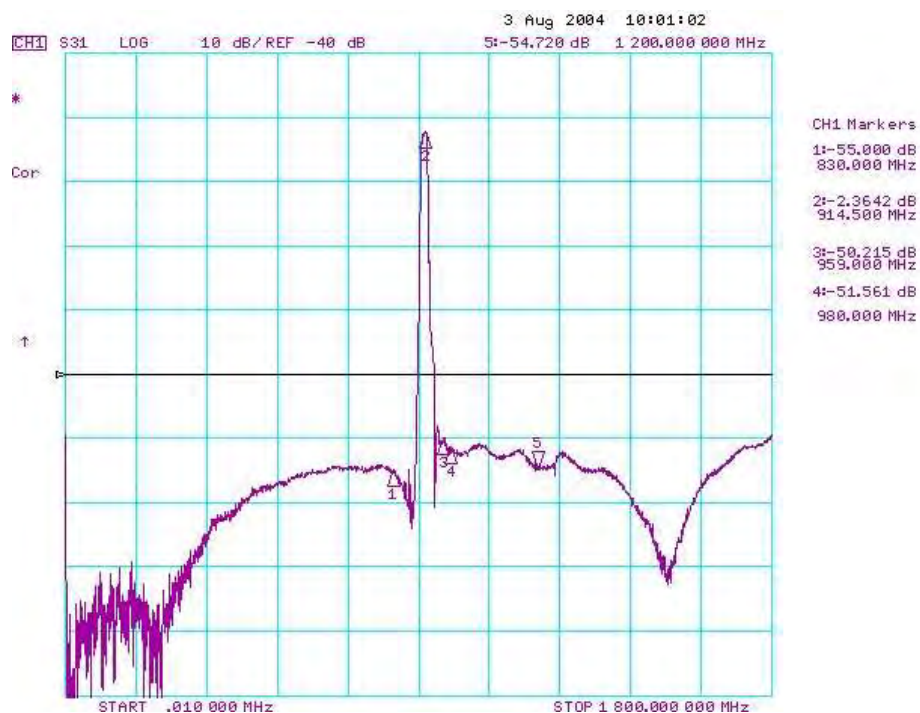
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C. FREQUENCY CHARACTERISTICS:

Transfer function:



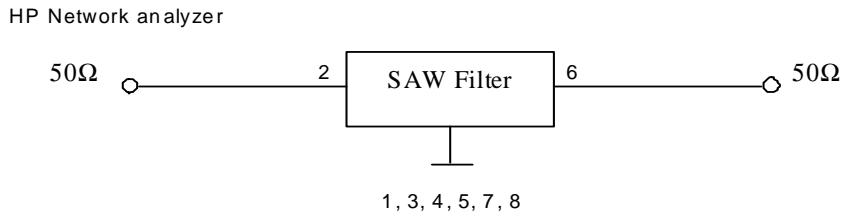
Wideband:



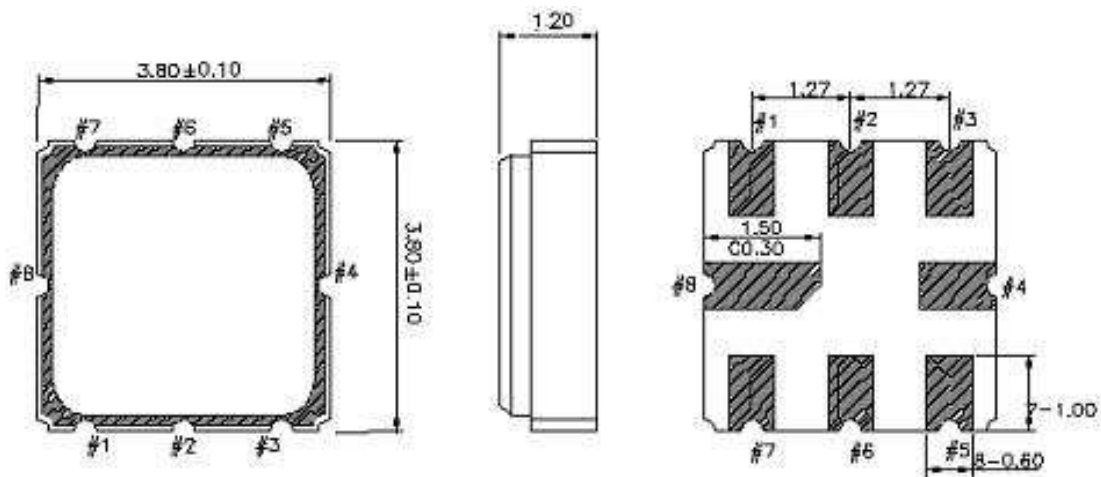
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D. MEASUREMENT CIRCUIT:

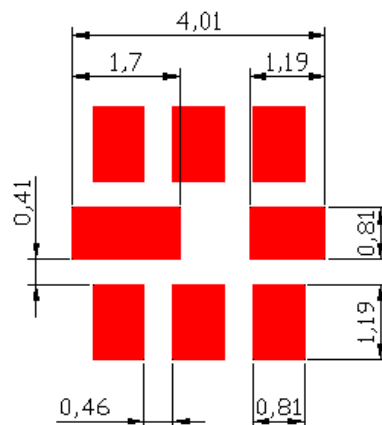


E. OUTLINE DRAWING:



- 2: Input
- 6: Output
- 1, 3, 4, 5, 7, 8: Ground
- Unit: mm

F. PCB FOOTPRINT:

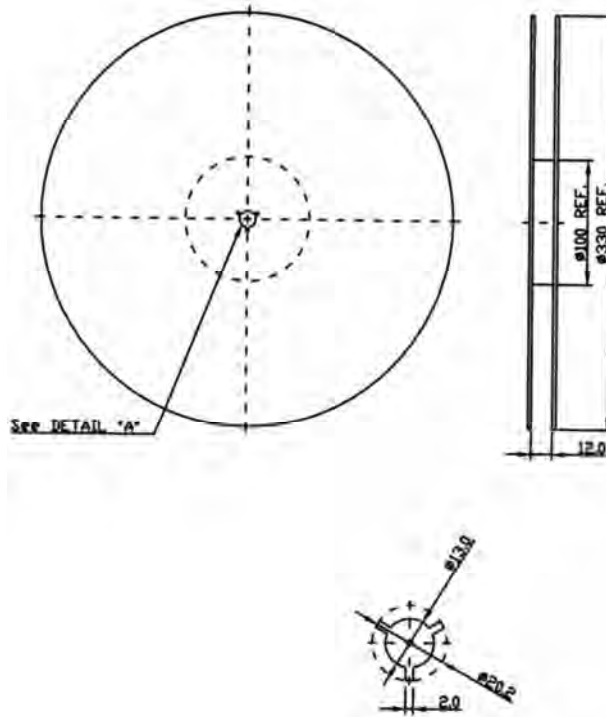


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G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

