

SAW Filter 1950.0MHz
Part No: MP08784

Model: TA0235B
Rev No: 1

A. MAXIMUM RATING:

1. Input Power Level: 13dBm
2. DC voltage: 0V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -40°C to +85°C

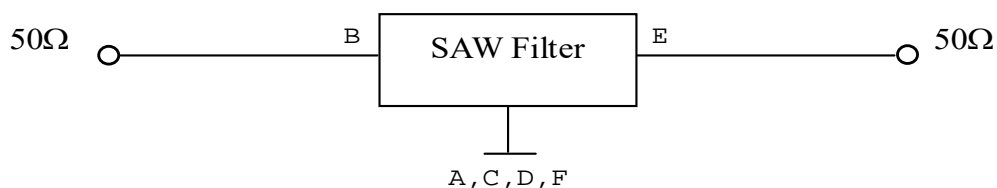
B. ELECTRICAL CHARACTERISTICS:

Item	Min.	Typ.	Max.
Center frequency Fc (MHz)	-	1950	-
Insertion loss (1920 ~ 1980MHz) IL (dB)	-	2.5	4.0
Amplitude ripple (1920 ~ 1980MHz) (dB)	-	1	1.4
Attenuation (Reference level from 0dB)			
DC ~ 1840MHz (dB)	20	32	-
1840 ~ 1900MHz (dB)	10	14	-
2000 ~ 2030MHz (dB)	4.5	8	-
2030 ~ 2060MHz (dB)	20	55	-
2060 ~ 4000MHz (dB)	22	32	-
Input/Output VSWR (1920 ~ 1980MHz)	-	1.9	2.4
Source impedance Z _S (Ω)	-	50	-
Load impedance Z _L (Ω)	-	50	-

Note: The standard definitions is in JIS C 6703

C. MEASUREMENT CIRCUIT:

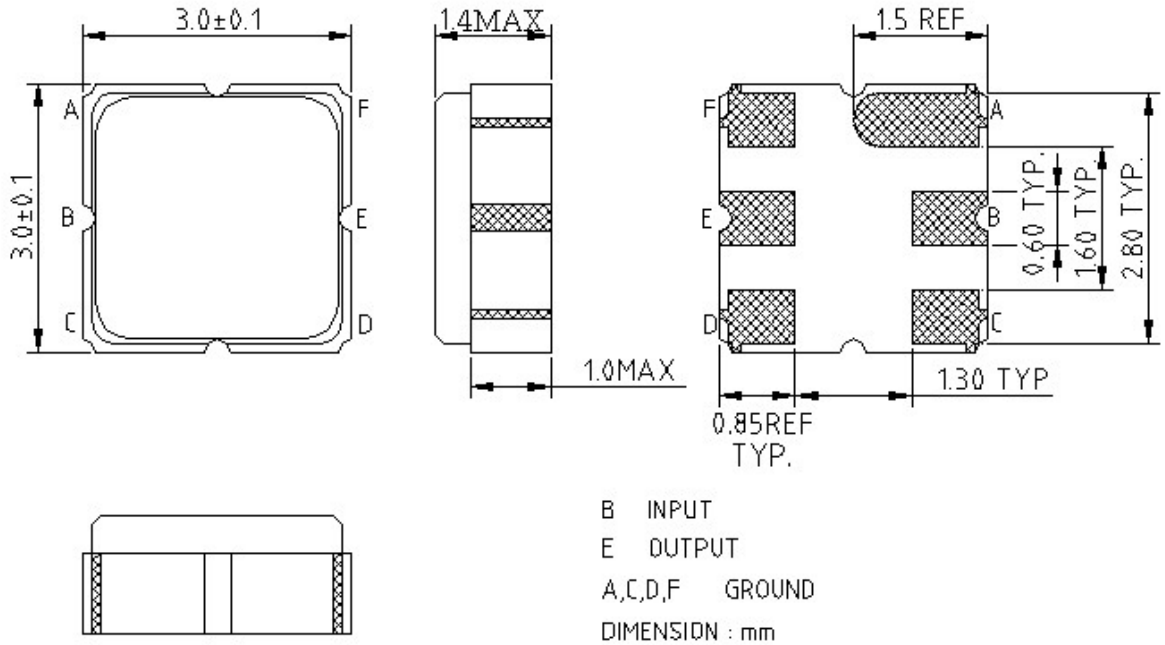
HP Network analyzer



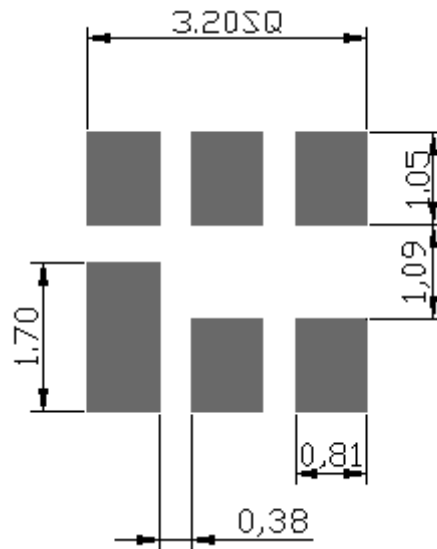
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D. OUTLINE DRAWING:



E. PCB FOOTPRINT:

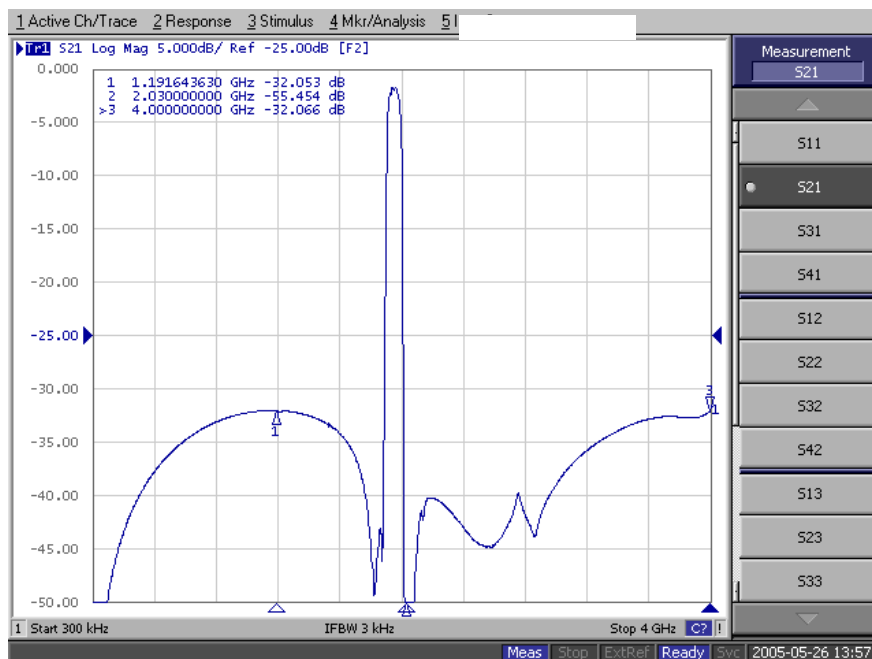
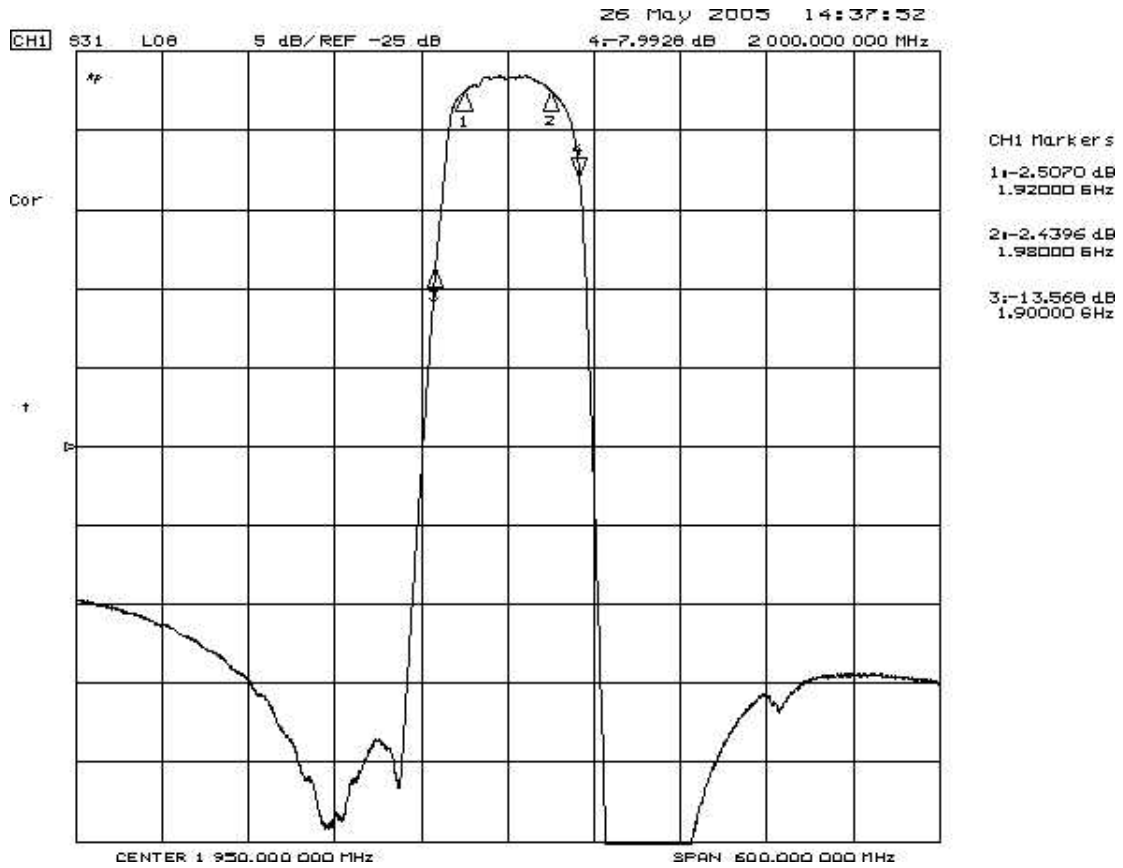


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F. FREQUENCY CHARACTERISTICS:

1. Transfer function

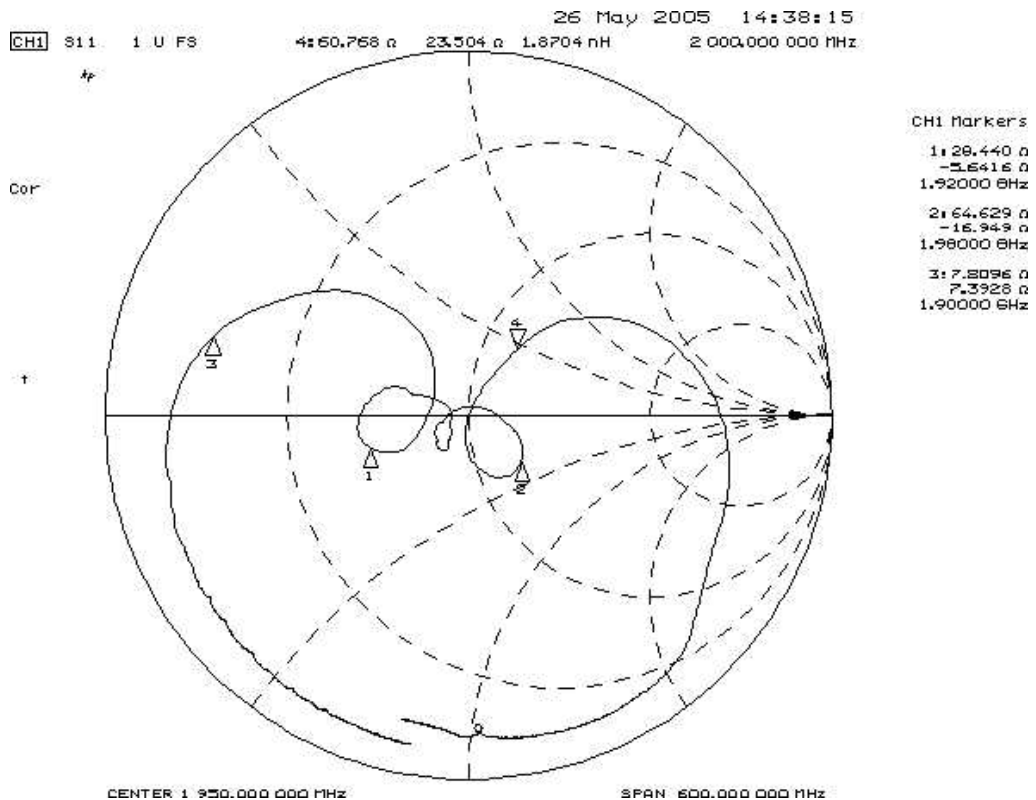
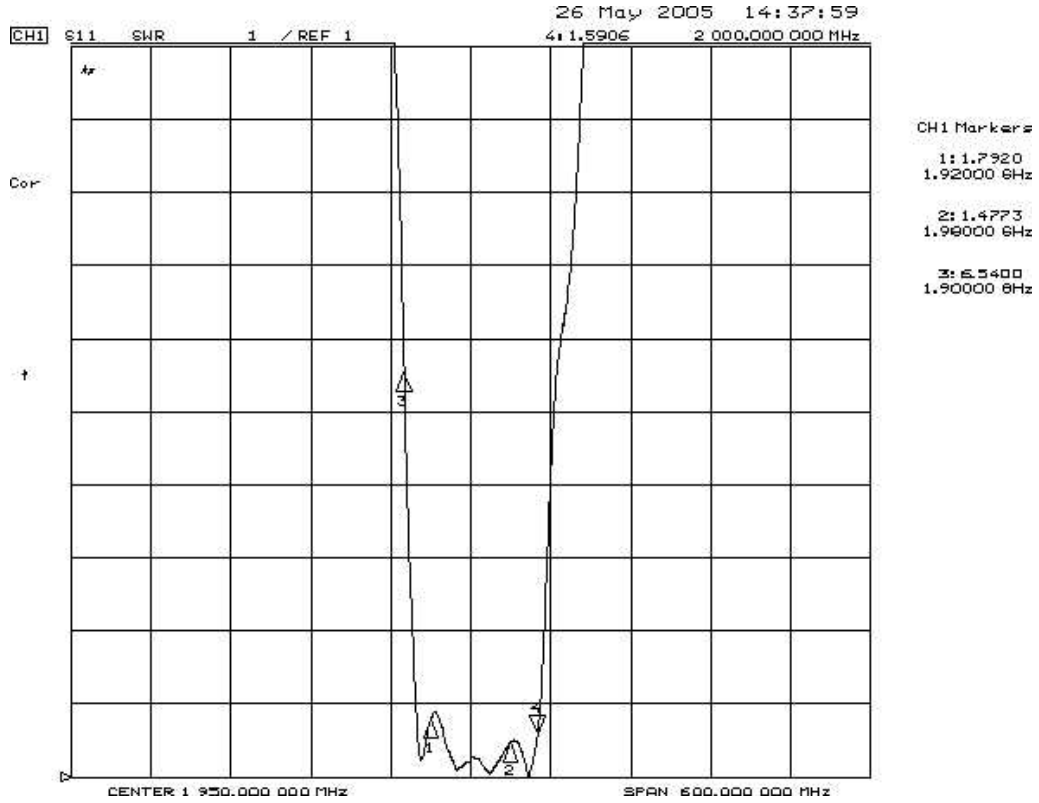


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2. Reflections Functions:

S11



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