

SAW Filter 1970.0MHz
Part No: MP04405

Model: TA0605A
Rev No: 1

A. MAXIMUM RATING:

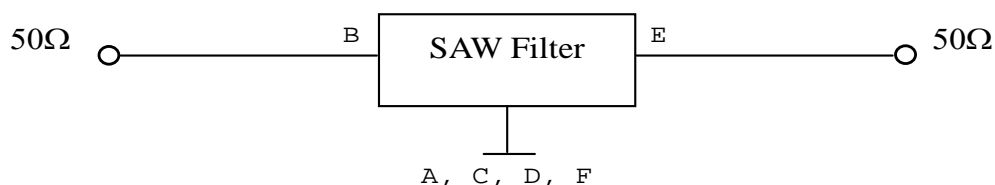
1. Input Power Level: 10dBm
2. DC Voltage: 3V
3. Operating Temperature: -30°C to +80°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.	Note
Center Frequency Fc	MHz	-	1970	-	-
Insertion Loss (1940 ~ 2000MHz) IL	dB	-	2.6	4	-
Amplitude Ripple (1940 ~ 2000MHz)	dB	-	1.5	2.5	-
VSWR (1940 ~ 2000MHz)		-	1.7	2.4	-
Relative Attenuation (relative to 0dB)					
DC ~ 1860MHz	dB	20	32	-	-
1860 ~ 1920MHz	dB	9	13	-	-
2020 ~ 2050MHz	dB	4.5	8	-	-
2050 ~ 2080MHz	dB	20	61	-	-
2080 ~ 4000MHz	dB	22	31	-	-

C. MEASUREMENT CIRCUIT:

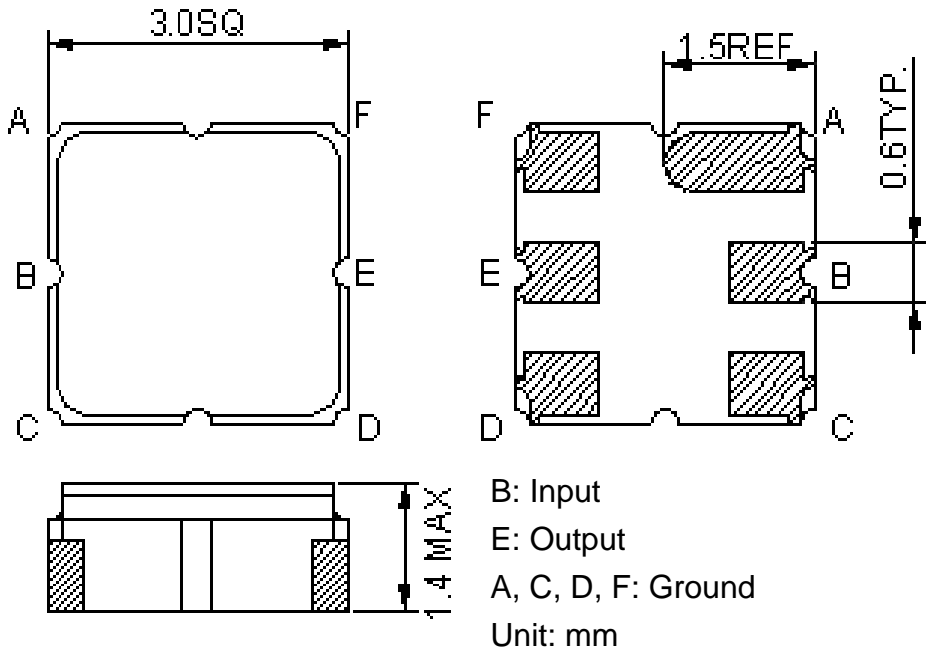
HP Network analyzer



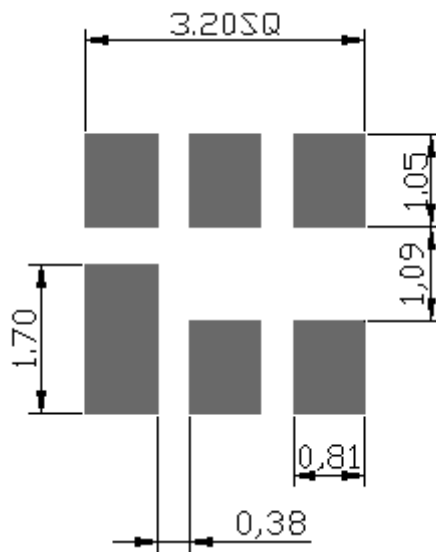
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D. OUTLINE DRAWING:



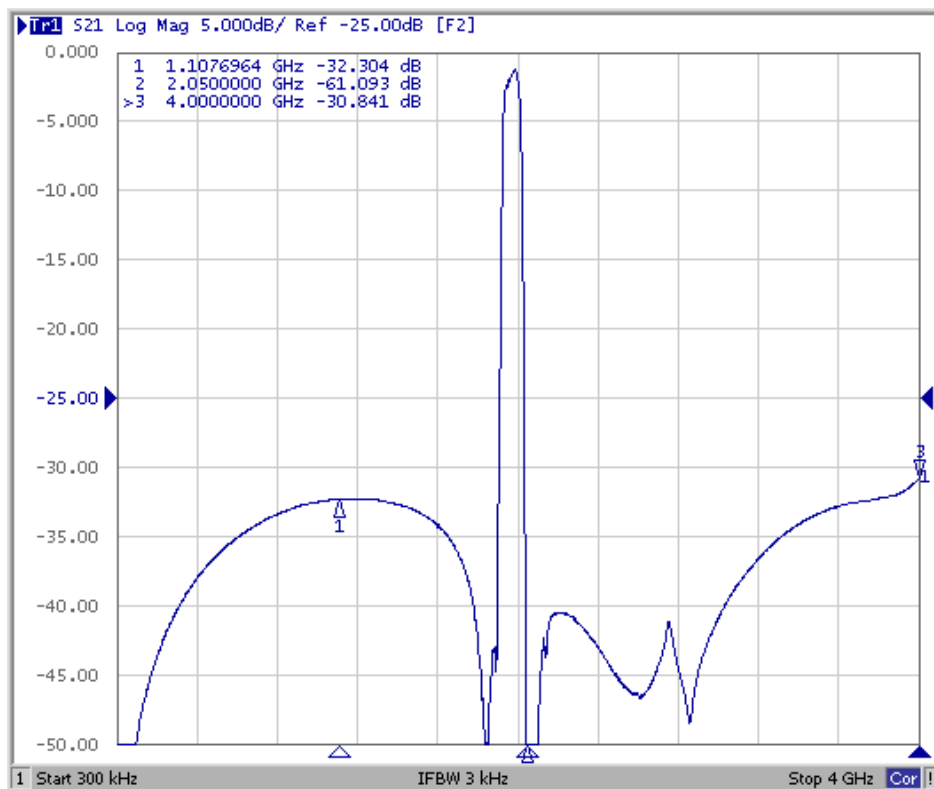
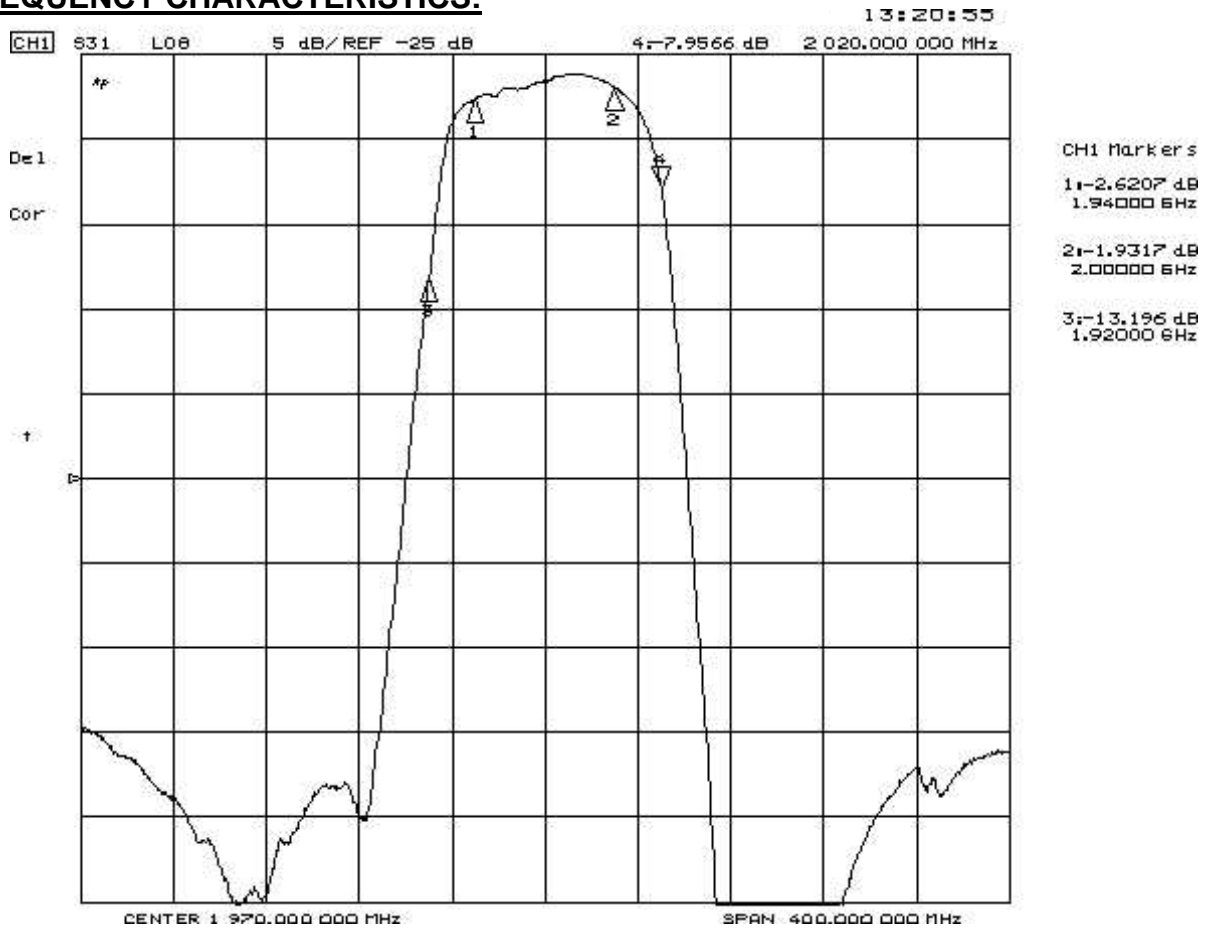
E. PCB FOOTPRINT:



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F. FREQUENCY CHARACTERISTICS:

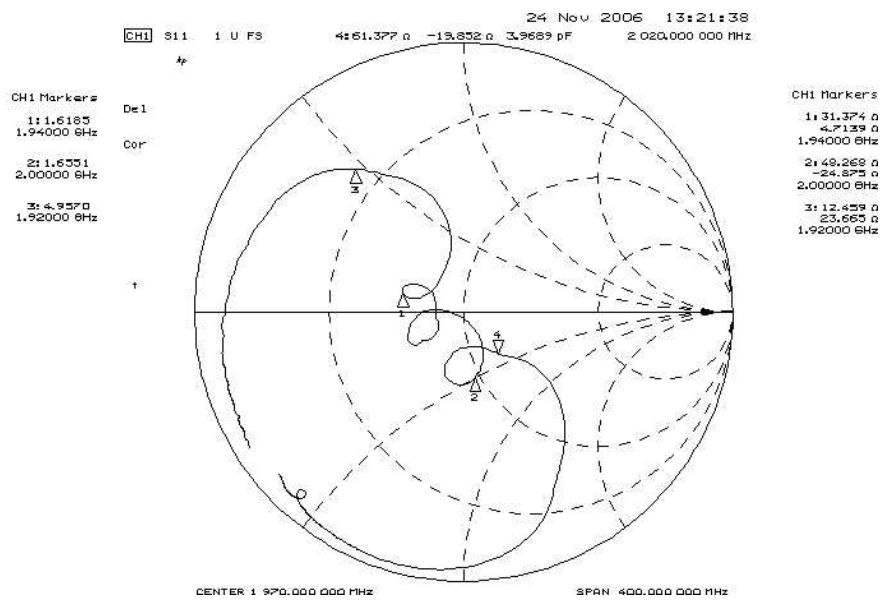
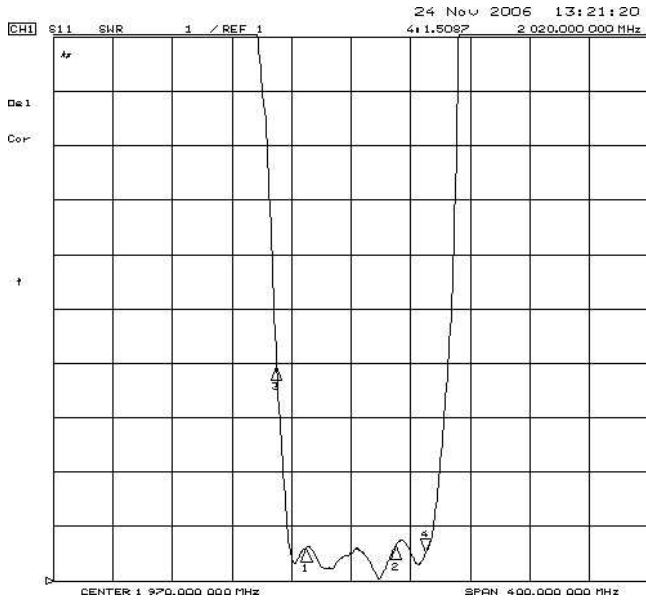


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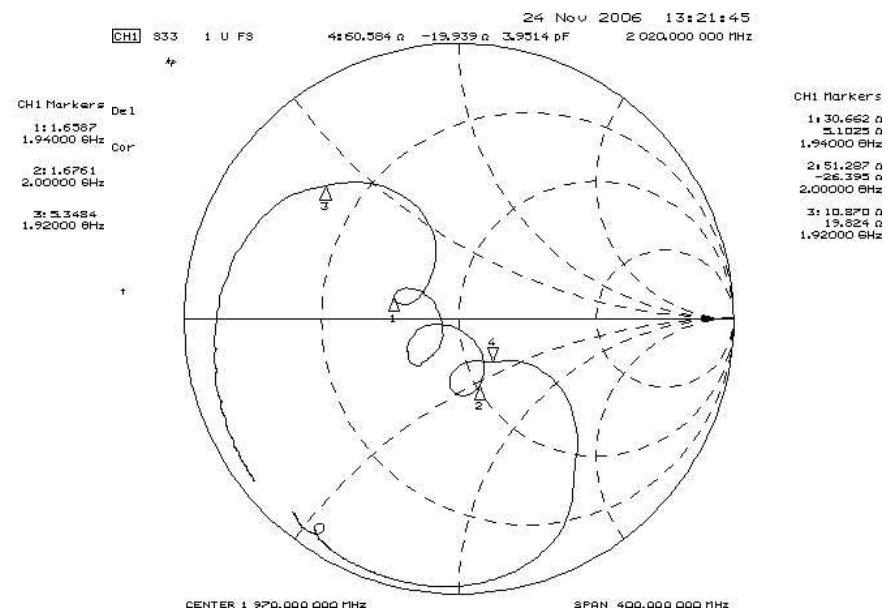
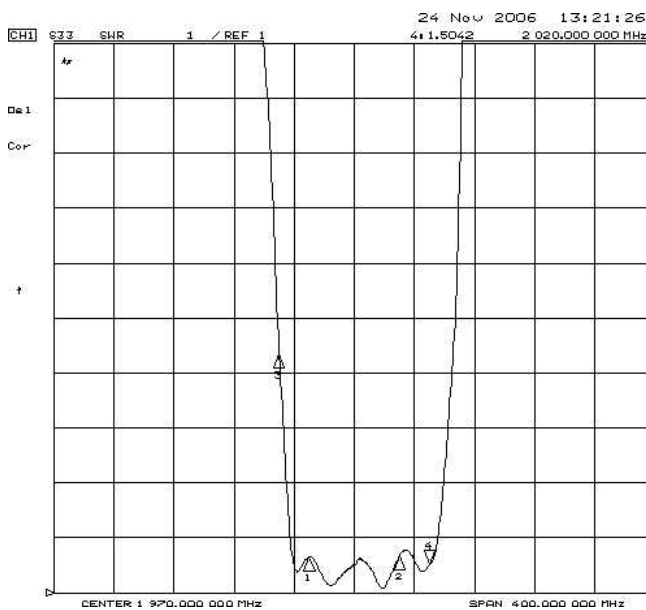
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Reflection Functions

S11



S22



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H. RECOMMENDED REFLOW PROFILE:

