

SAW Filter 1747.50MHz
Part No: MP01784

Model: TA0762A
Rev No: 1

A. MAXIMUM RATING:

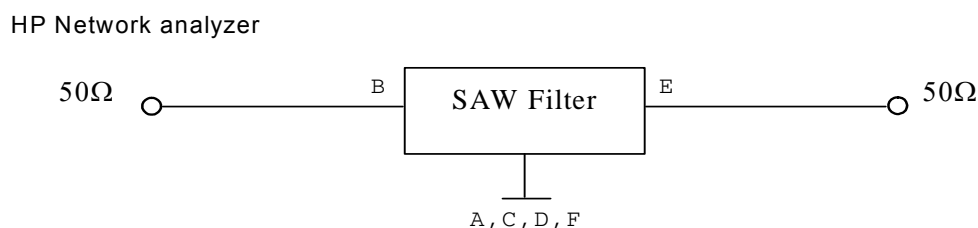
1. Input Power Level: +20dBm
2. DC voltage: 0V
3. Operating Temperature: -20°C to +70°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

Item	Min.	Typ.	Max.
Center frequency Fc (MHz)	-	1747.5	-
Insertion loss (1710 ~ 1785MHz) IL (dB)	-	2.6	4.0
Amplitude ripple (1710 ~ 1785MHz) (dB)	-	1.6	2.5
Attenuation (Reference level from 0dB)			
10 ~ 1670MHz (dB)	15	23	-
1670 ~ 1690MHz (dB)	6	23.9	-
1805 ~ 1880MHz (dB)	6	24	-
1880 ~ 4500MHz (dB)	15	25	-
4500 ~ 5000MHz (dB)	10	14	-
Input / Output VSWR (1710 ~ 1785MHz)	-	1.8	2.5
Source impedance Z _S (Ω)	-	50	-
Load impedance Z _L (Ω)	-	50	-

Note: The standard definitions is in JIS C 6703

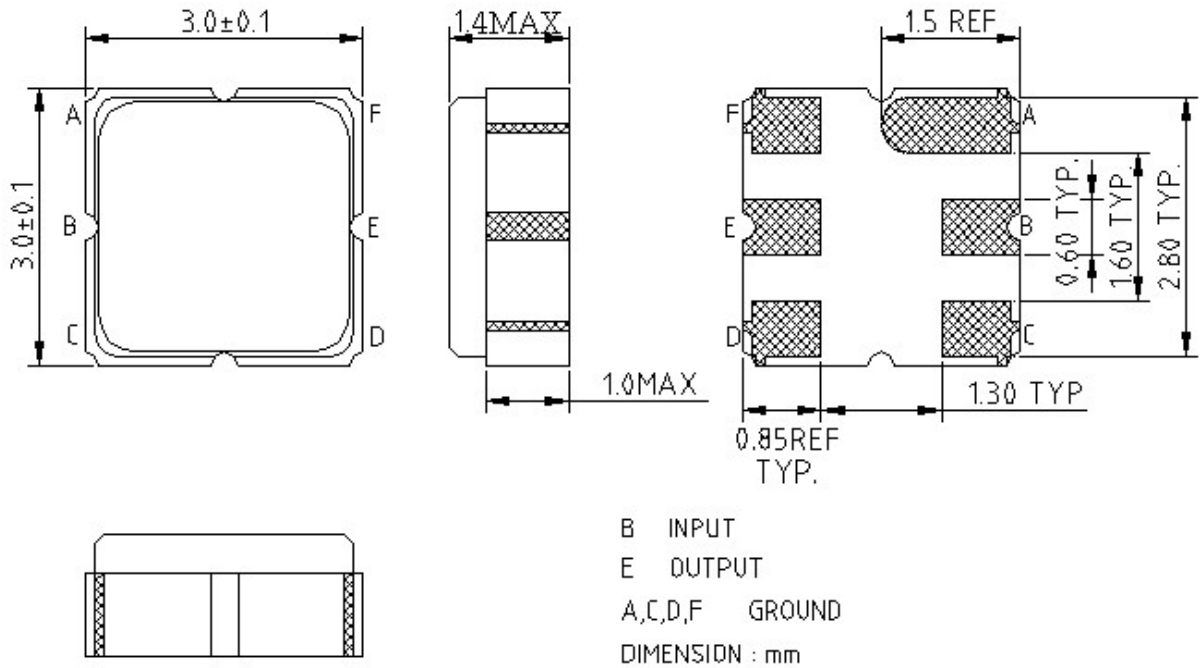
C. MEASUREMENT CIRCUIT:



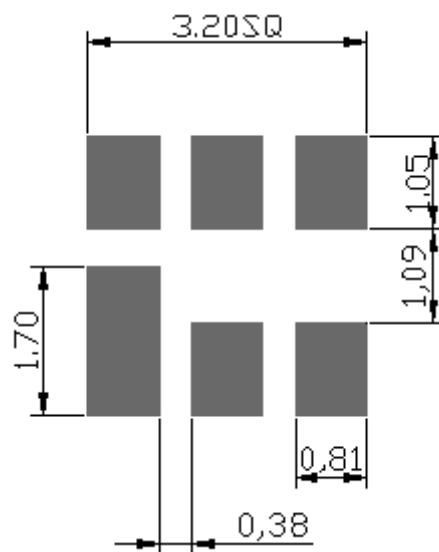
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D. OUTLINE DRAWING:



E. PCB FOOTPRINT:

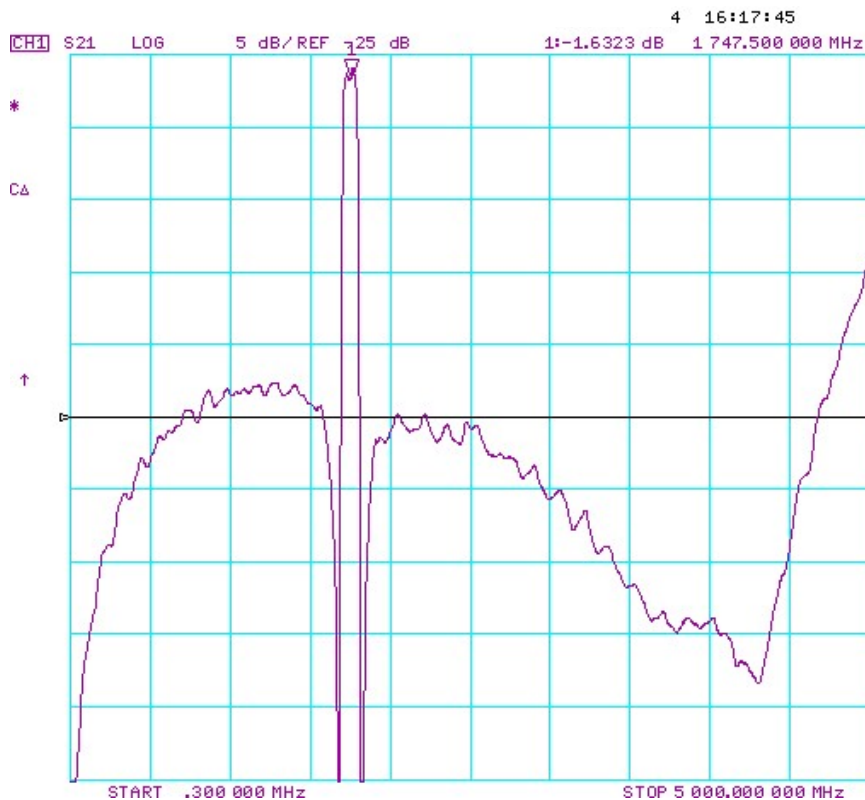
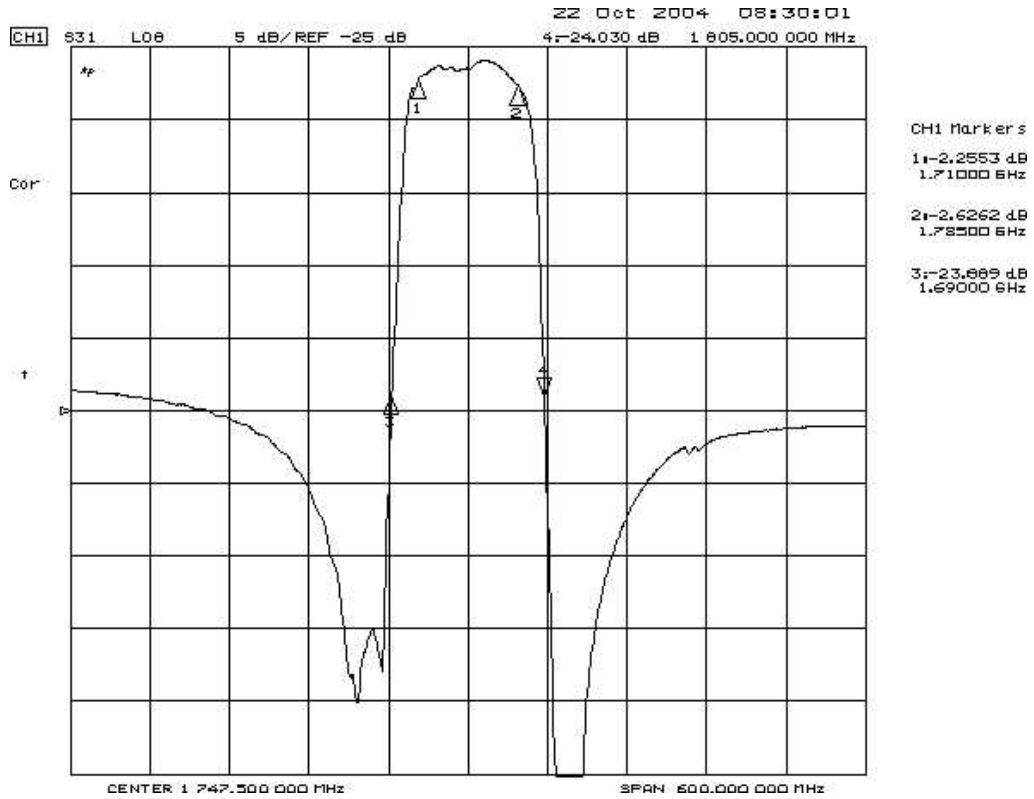


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F. FREQUENCY CHARACTERISTICS:

1. Transfer Function

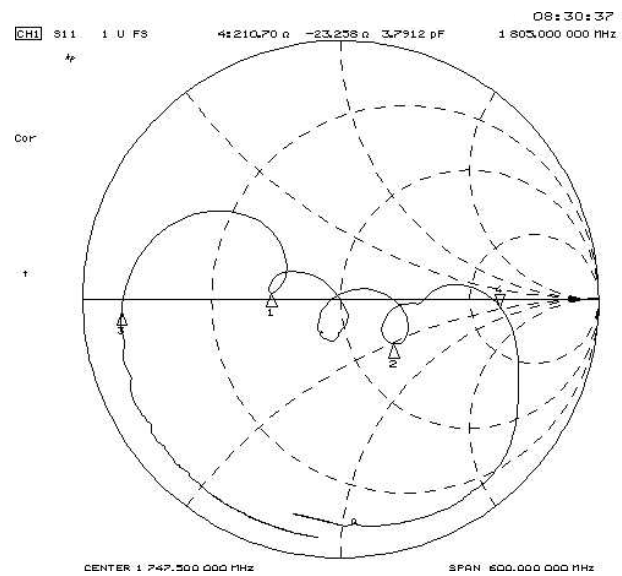
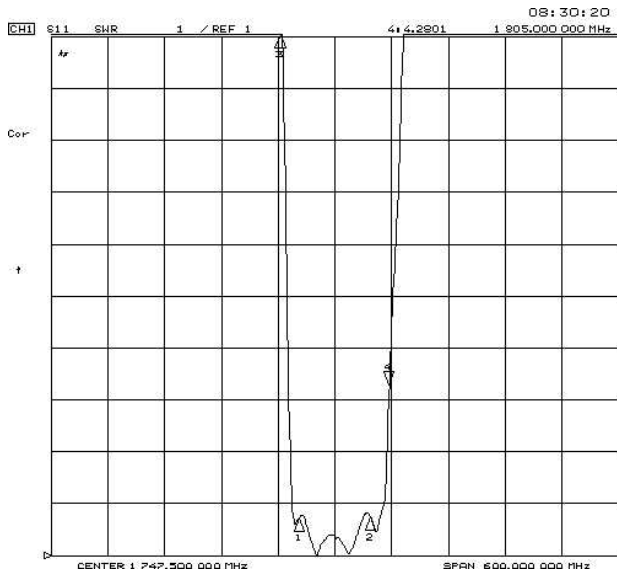


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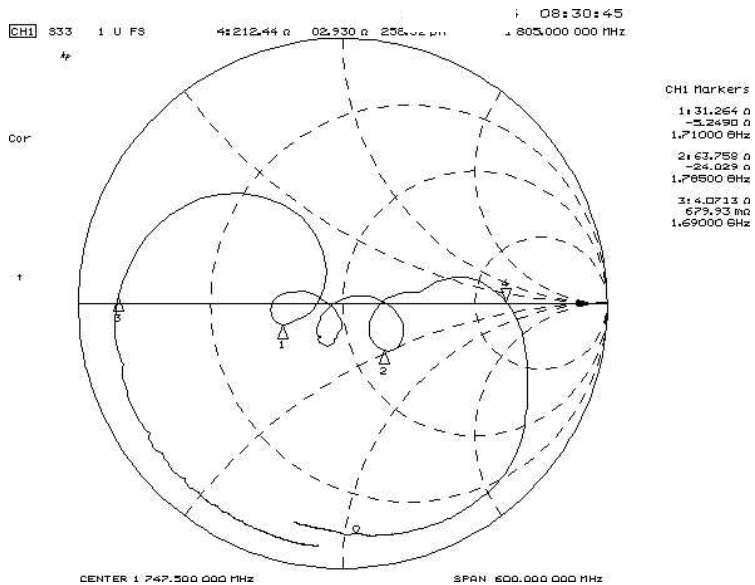
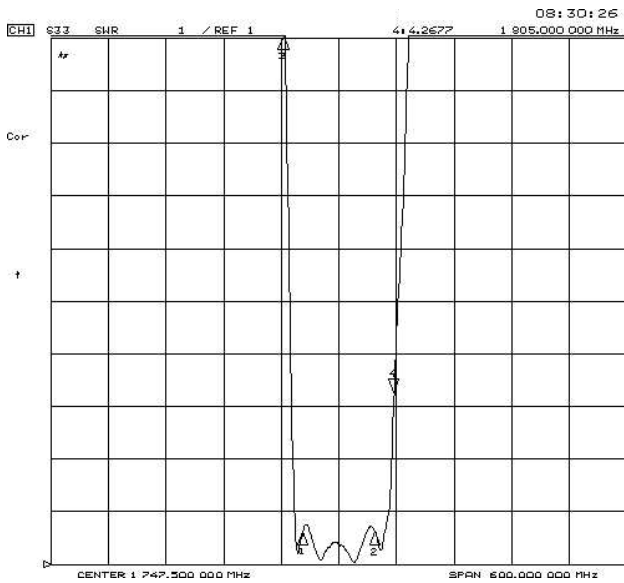
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2. Reflection Functions

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H. RECOMMENDED REFLOW PROFILE:

