

1932.50MHz SAW Filter

Model: **TA0652A**

Part No: **MA09281**

REV NO.: 1

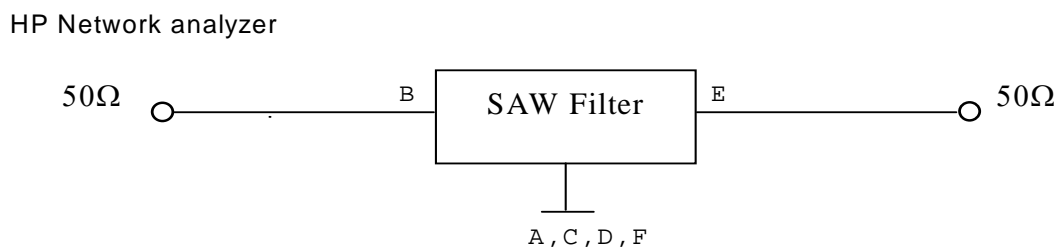
A. MAXIMUM RATING:

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

B. ELECTRICAL CHARACTERISTICS:

Item	Min.	Typ.	Max.
Center frequency Fc (dB)	-	1932.5	-
Insertion loss within 1925 ~1940 MHz IL (dB)	-	1.7	4
Amplitude ripple (p-p) within 1925 ~ 1940 MHz (dB)	-	0.6	2.5
Attenuation (Reference level from 0 dB)			
D.C. ~ 1820 MHz (dB)	20	30	-
1820 ~ 1880 MHz (dB)	10	19	-
1990 ~ 2030 MHz (dB)	8	20	-
2030 ~ 2060 MHz (dB)	20	40	-
2060 ~ 4000 MHz (dB)	20	30	-
VSWR within 1925 ~1940 MHz	-	1.4	2.5
Source impedance Zs (Ω)	-	50	-
Load impedance ZL (Ω)	-	50	-

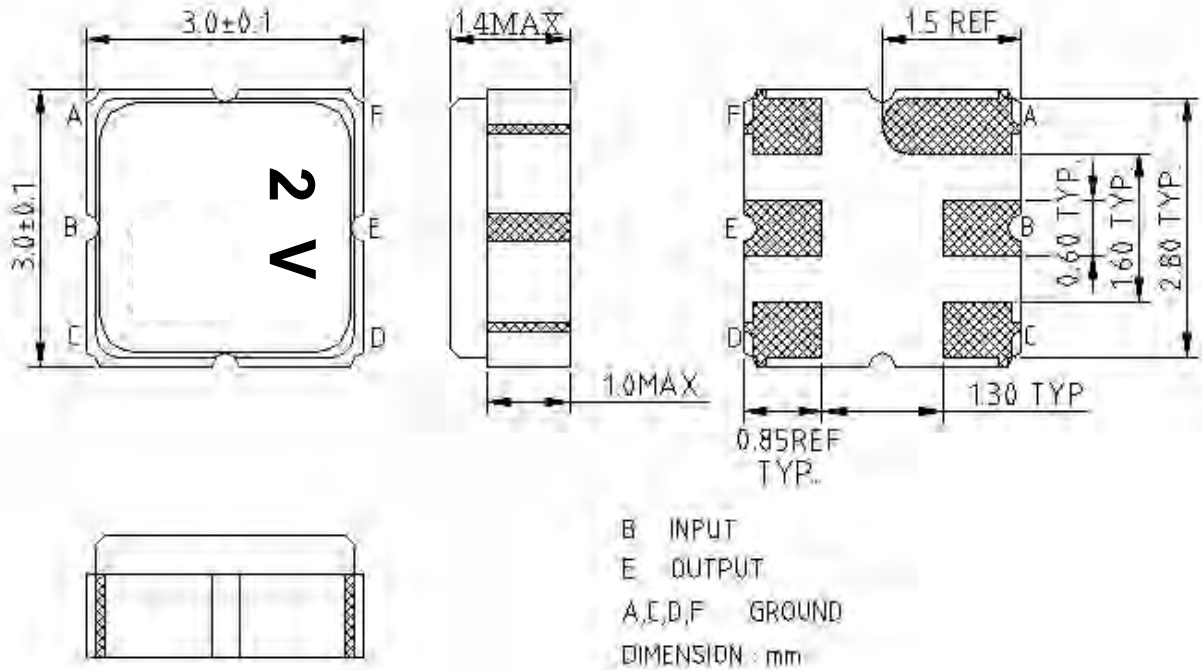
C. MEASUREMENT CIRCUIT:



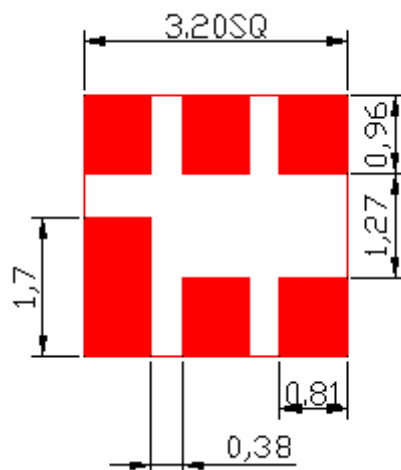
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D. OUTLINE DRAWING:



E. PCB FOOTPRINT:



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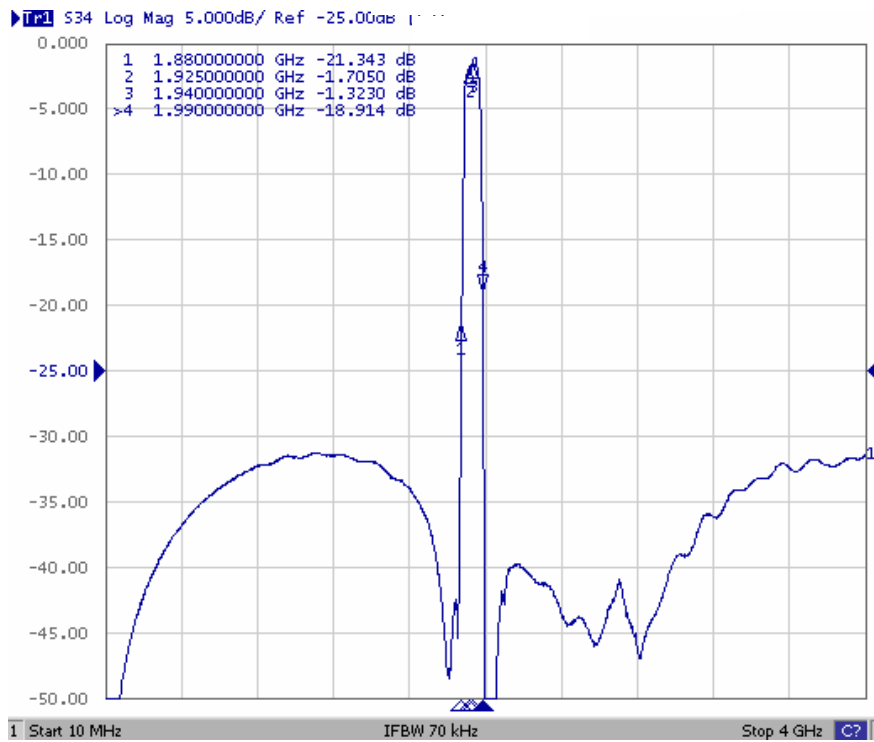
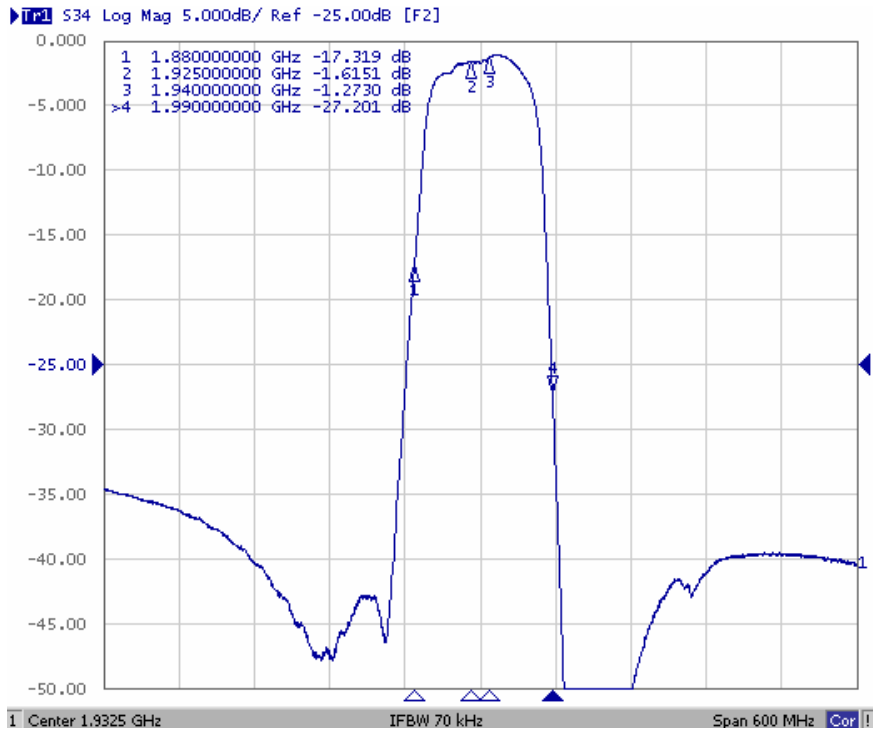
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F. FREQUENCY CHARACTERISTICS:

Transfer function

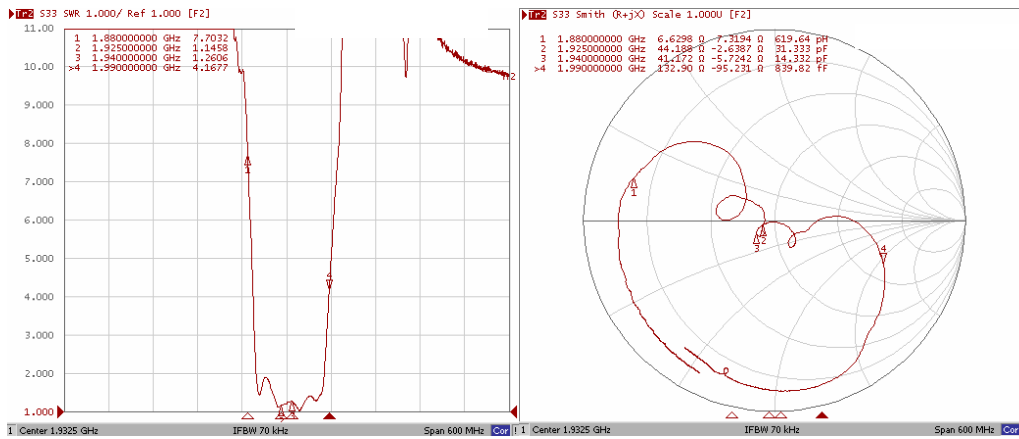


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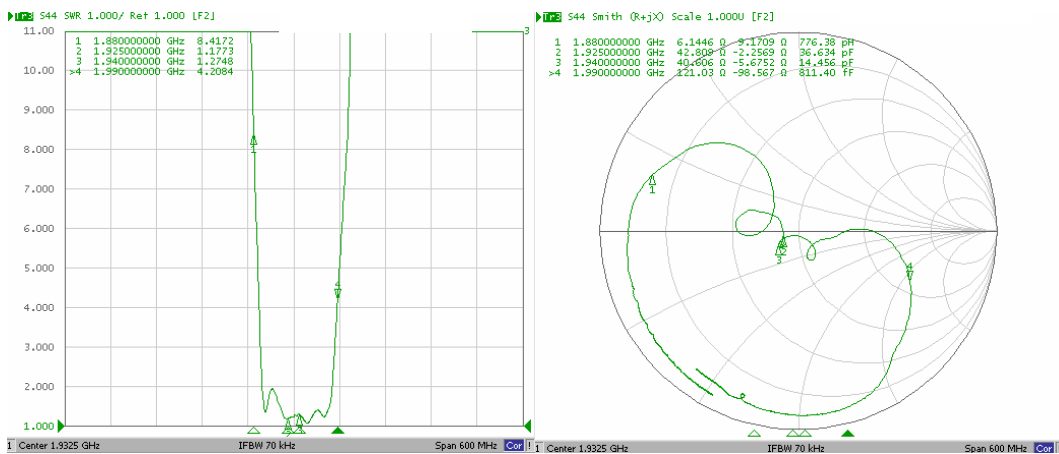
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Reflections Functions :

S11 VSWR



S22 VSWR



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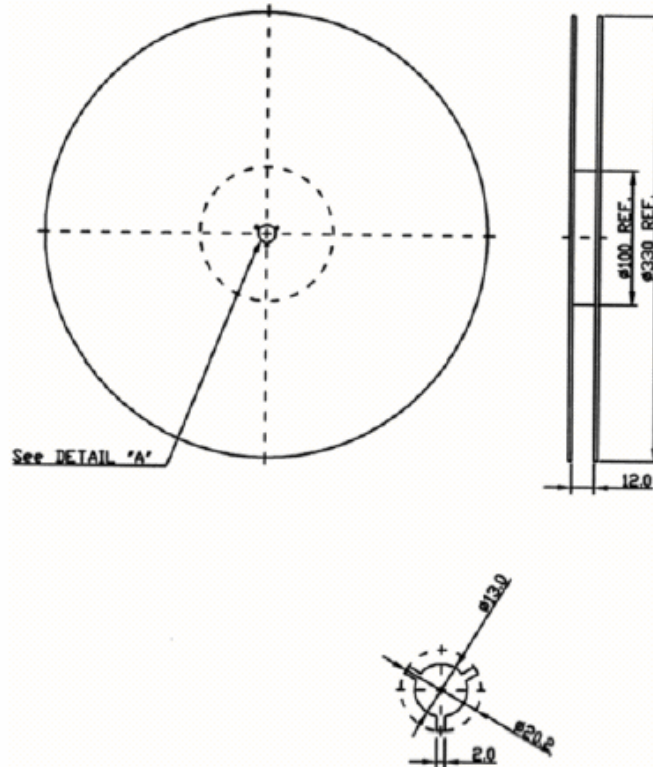
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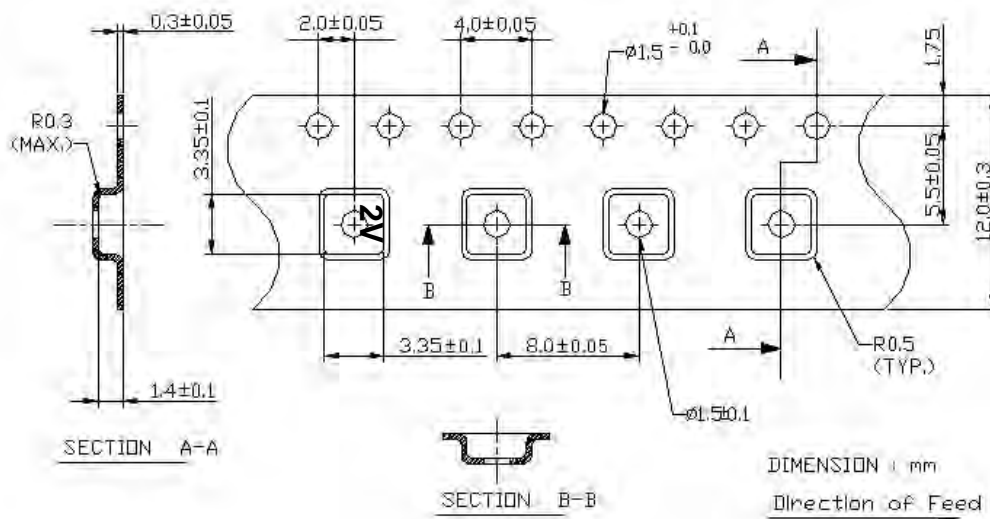
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G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



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H. RECOMMENDED REFLOW PROFILE:

