
1960.0MHz SAW Filter**Model: TA0207A****Part No: MA05927****REV NO.: 2**

A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
2. DC voltage: 0 V
3. Operating Temperature: -25°C to +75°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

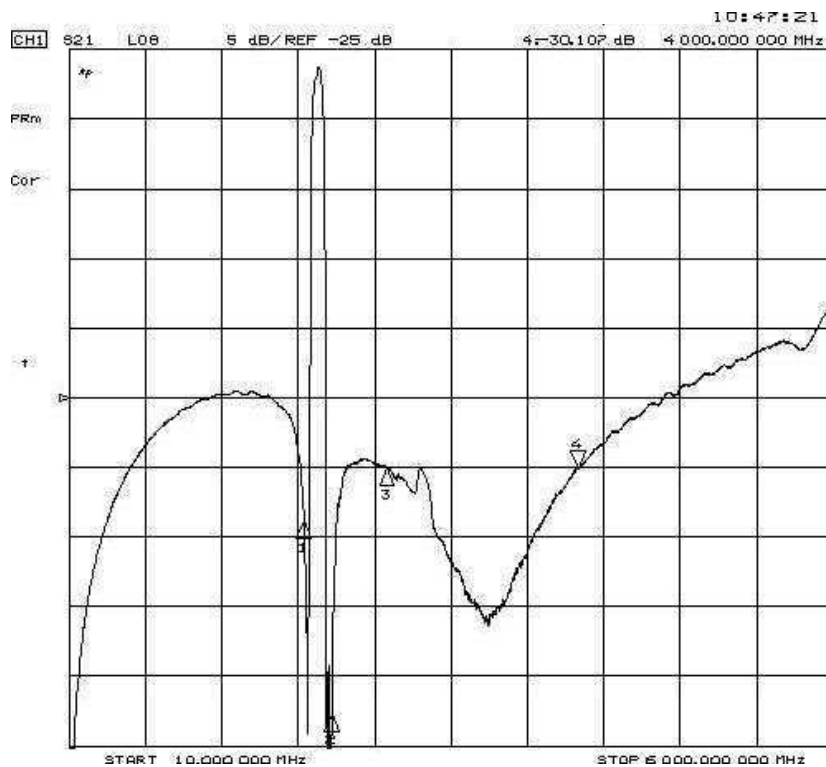
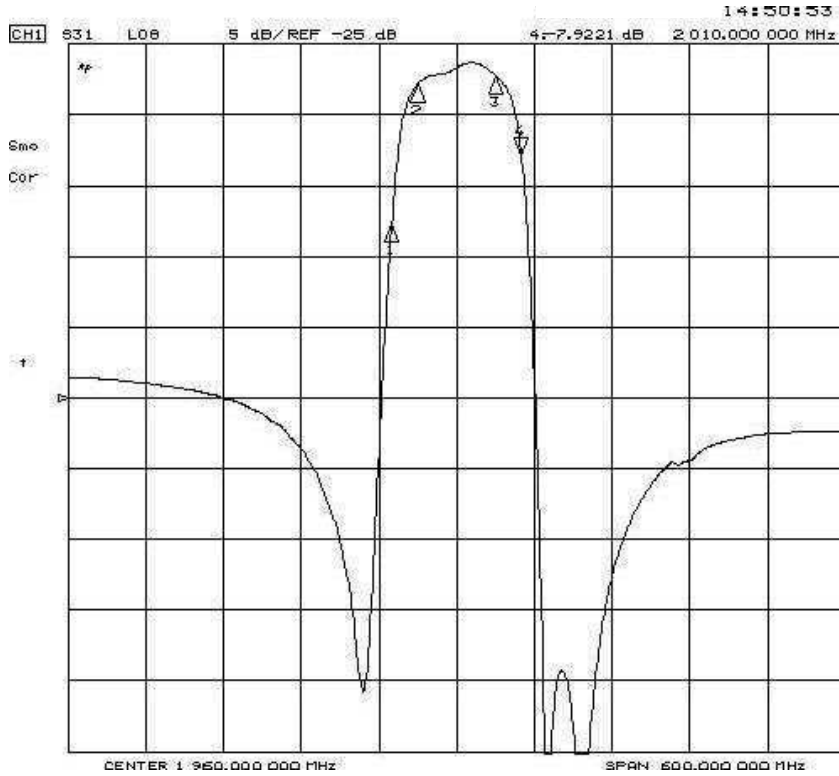
Item	Min.	Typ.	Max.
Center frequency Fc (dB)	-	1960	-
Insertion loss within 1930 ~1990 MHz IL (dB)	-	2.7	3.3
Amplitude ripple (p-p) within 1930 ~ 1990 MHz (dB)	-	1.2	2.0
Attenuation (Reference level from 0 dB)			
D.C. ~ 1850 MHz (dB)	17.0	24.5	-
1850 ~ 1910 MHz (dB)	6.0	12.6	-
2010 ~ 2070 MHz (dB)	4.5	8.0	-
2070 ~ 2500 MHz (dB)	20.0	29.0	-
2500 ~ 4000 MHz (dB)	23.0	30.0	-
VSWR within 1930 ~1990 MHz	-	1.7	2.5
Source impedance Z _s (Ω)	-	50	-
Load impedance Z _L (Ω)	-	50	-

Note1. No matching network required for operation at 50 Ω

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C. FREQUENCY CHARACTERISTICS:
Transfer function

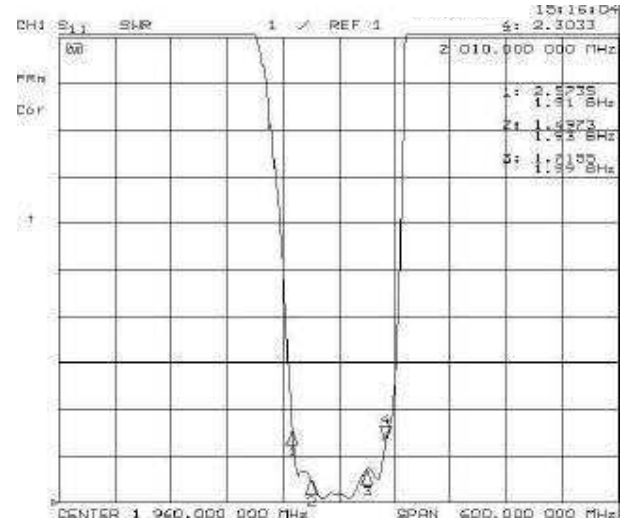
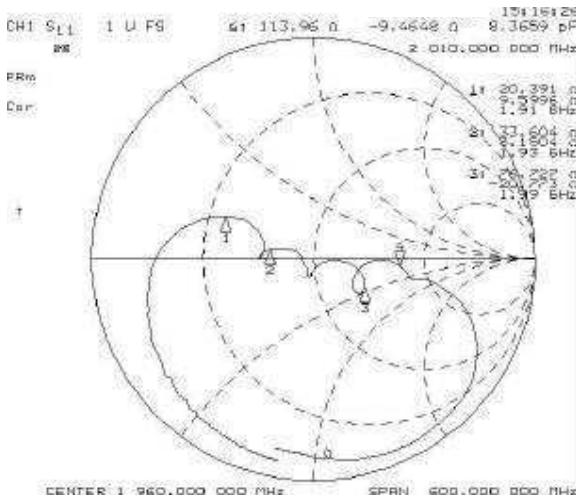


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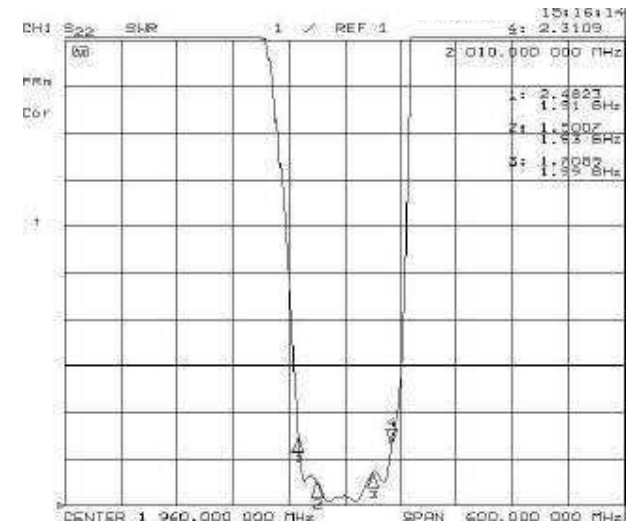
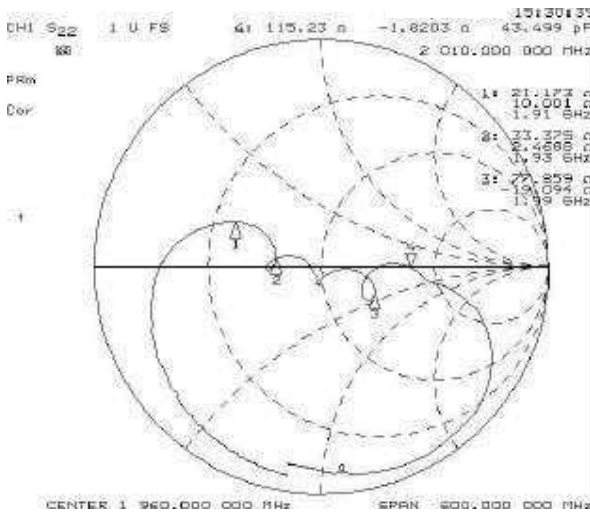
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Reflection Functions:

S11 VSWR



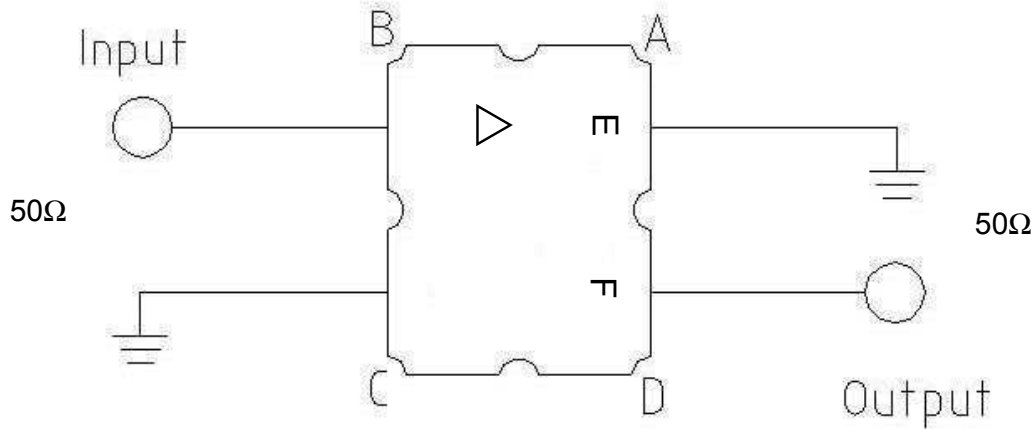
S22 VSWR



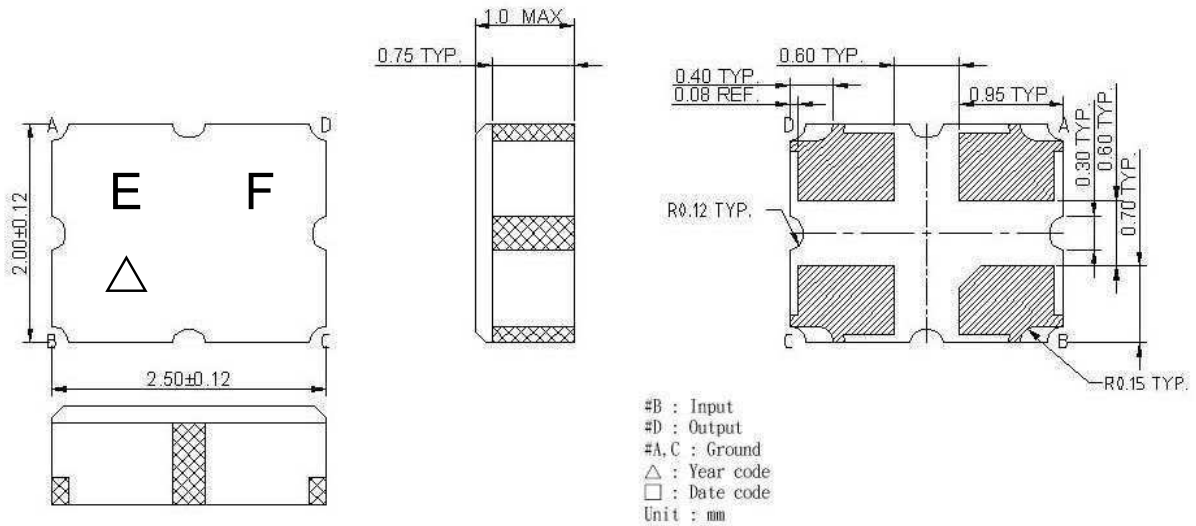
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D. MEASUREMENT CIRCUIT:



E. OUTLINE DRAWING:



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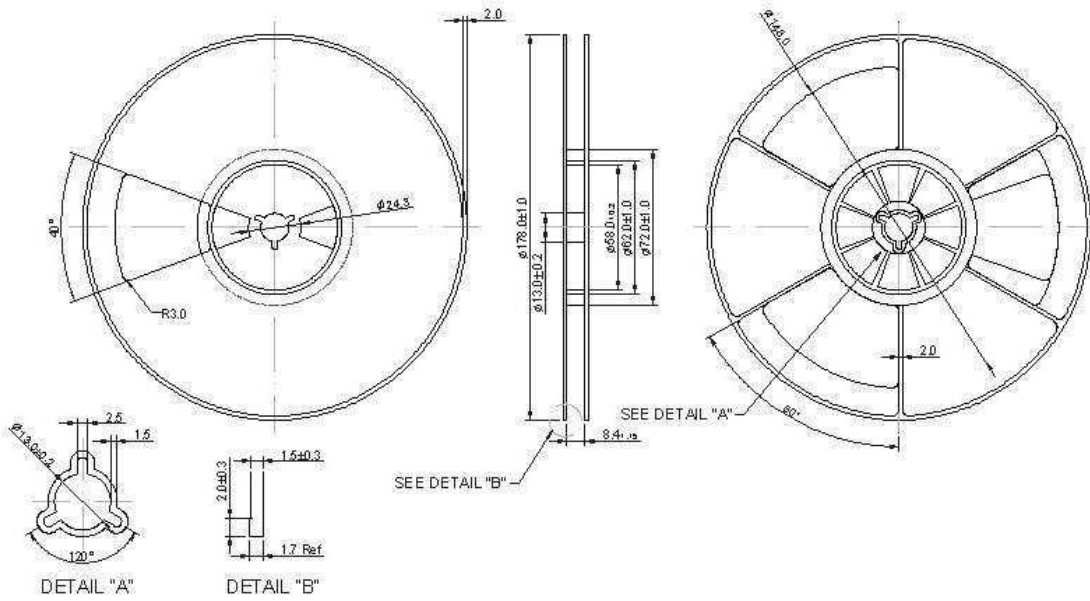
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F. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

