

SAW Filter 1820.0MHz

Model: TA1668A

Part No: MP05724

Rev No: 1

A. MAXIMUM RATING:

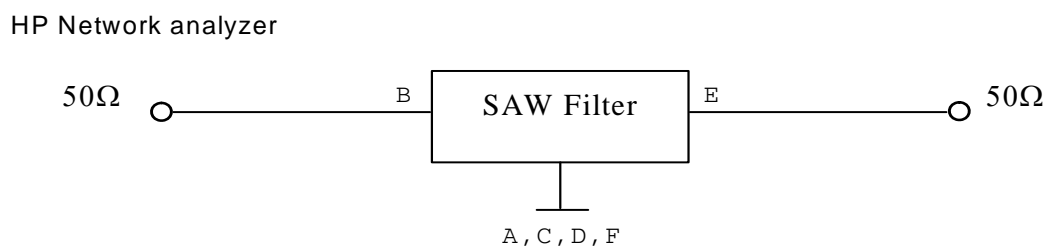
Electrostatic Sensitive Device (ESD)

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

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.
Center Frequency Fc	MHz	-	1820	-
Insertion loss (1810 ~ 1830MHz) IL	dB	-	1.8	3.0
Amplitude ripple (1810 ~ 1830MHz)	dB	-	0.4	1.8
VSWR (1810 ~ 1830MHz)	-	-	1.6	2.0
Attenuation (Reference level from 0dB)				
10 ~ 1730MHz	dB	28	35	-
1930 ~ 2500MHz	dB	34	41	-
Temperature coefficient of frequency	ppm/k	-	-36	-

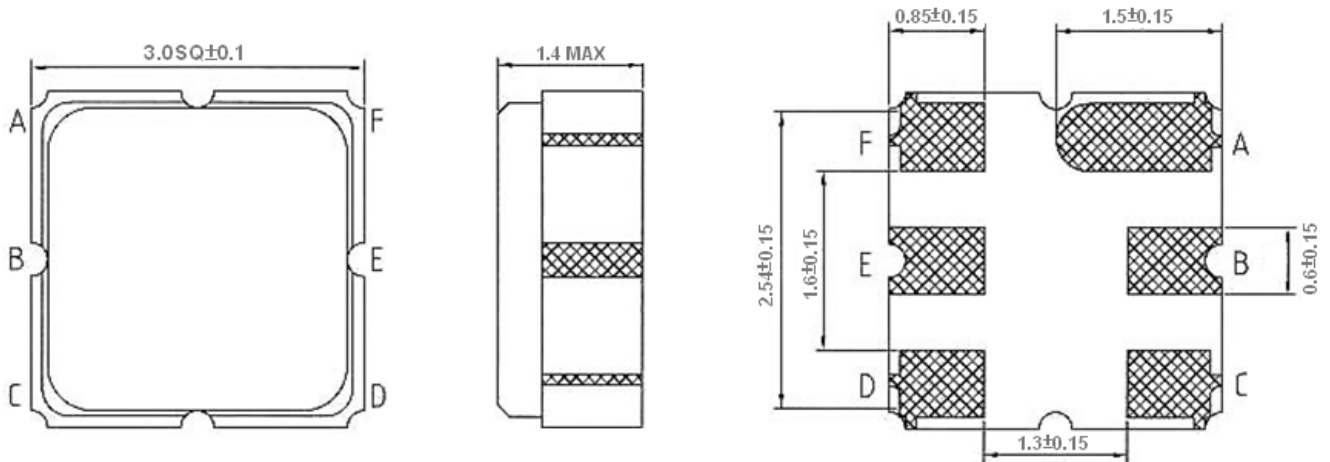
C. MEASUREMENT CIRCUIT:



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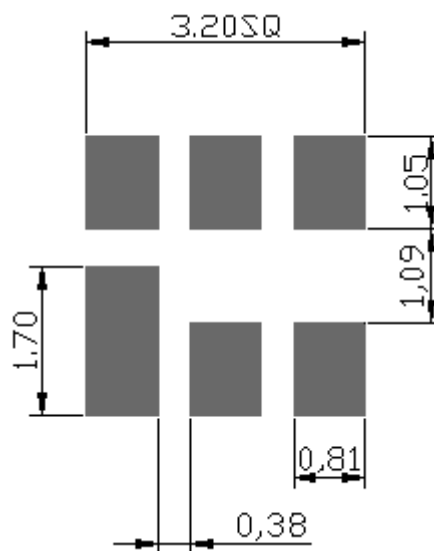
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D. OUTLINE DRAWING:



B: Input
E: Output
A, C, D, F: Ground
Unit: mm

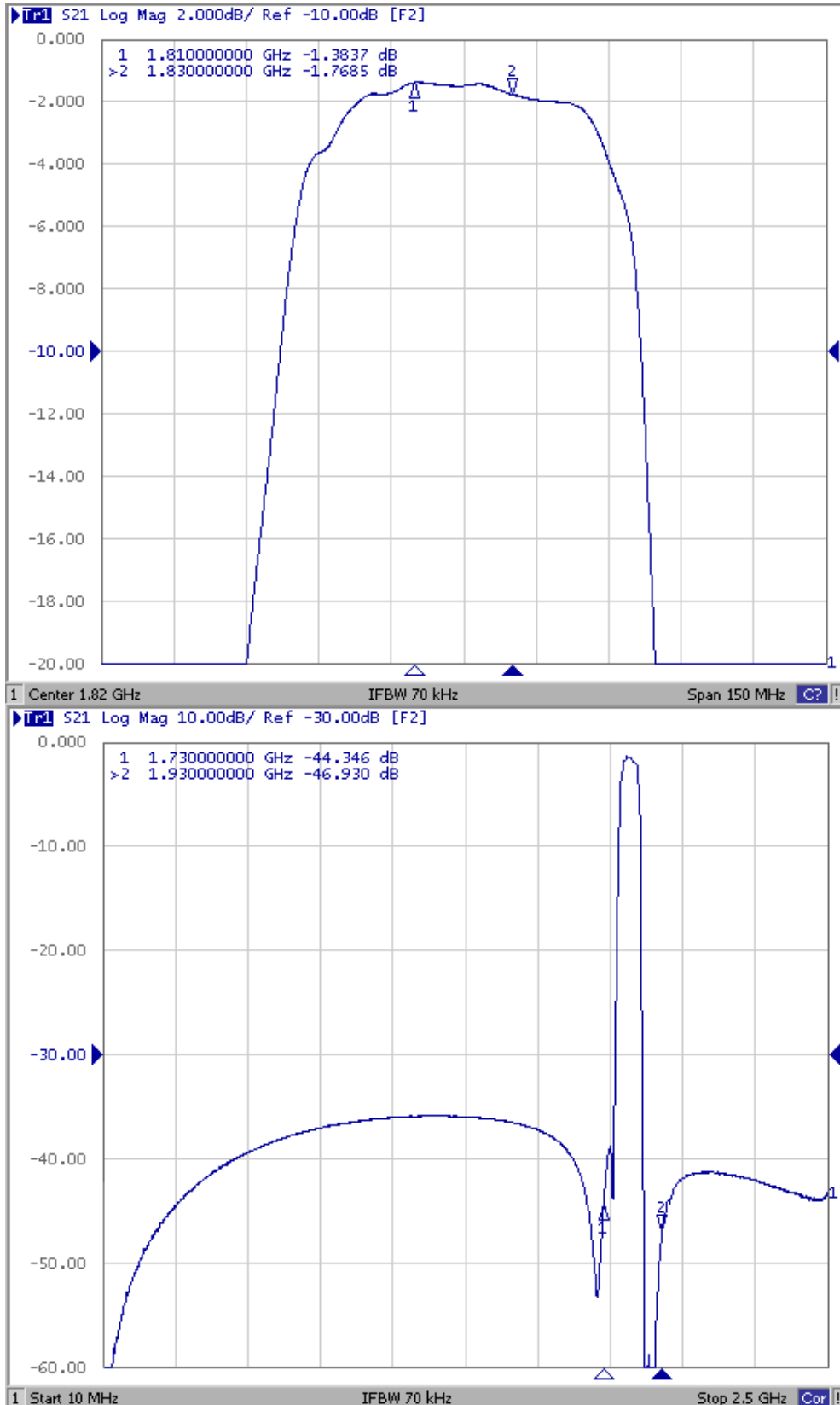
E. PCB FOOTPRINT:



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F. FREQUENCY CHARACTERISTICS:

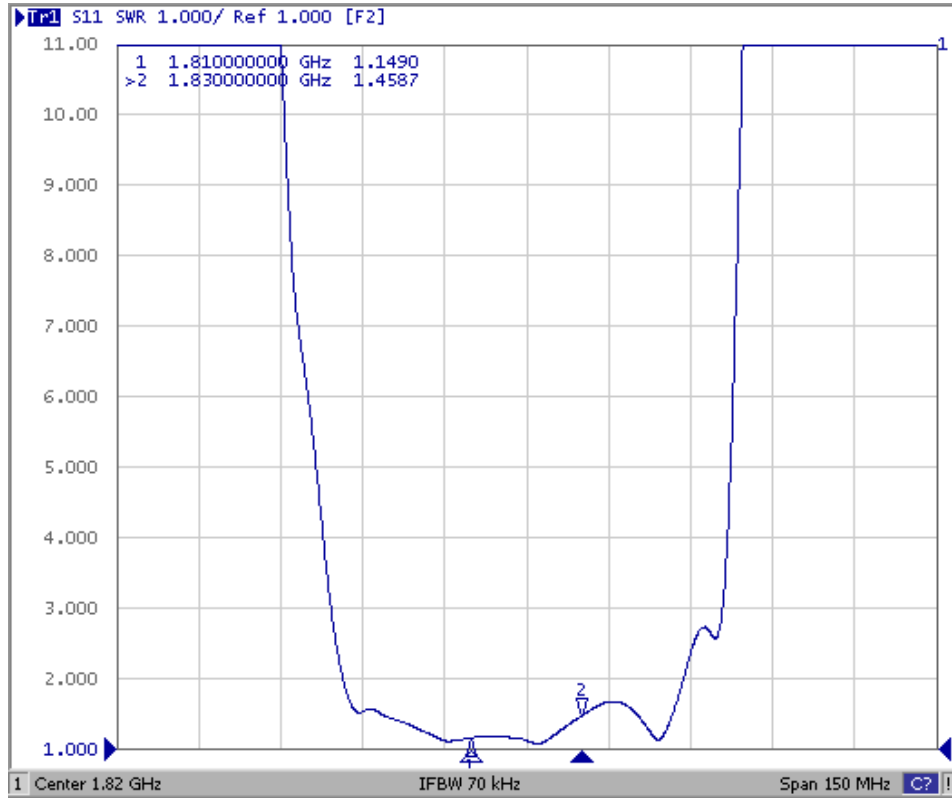


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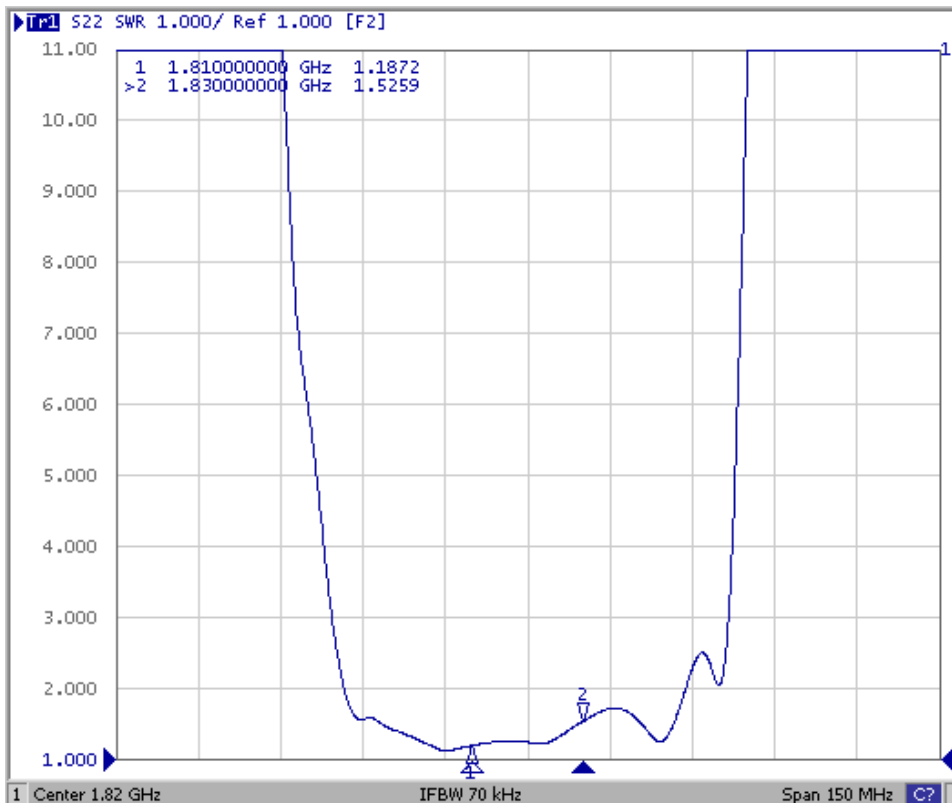
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Reflection Functions

S11



S22



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H. RECOMMENDED REFLOW PROFILE:

