



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1100 MHz Cavity Bandpass Filter

Part Number: AE1100B11807-2.92



Electrical specifications

Center Frequency: 1100MHz

Bandwidth: 280 MHz

Input / Output Impedance: 50 Ohms

Passband: 960-1240 MHz

Passband Insertion Loss: 0.5 dB (Goal) 1 dB max.

Passband Ripple: <0.2 dB

Passband Return Loss: 15 dB min.

Rejection: @ 5-700 MHz >50 dB

Rejection 2: @ 1700 MHz to 10 GHz >50 dB

Power Handling: 200W (CW)

Mechanical

Connector Type: 2.92mm Female

Dimensions: 4.0 x 1.0 x 0.8 in.

Environmental

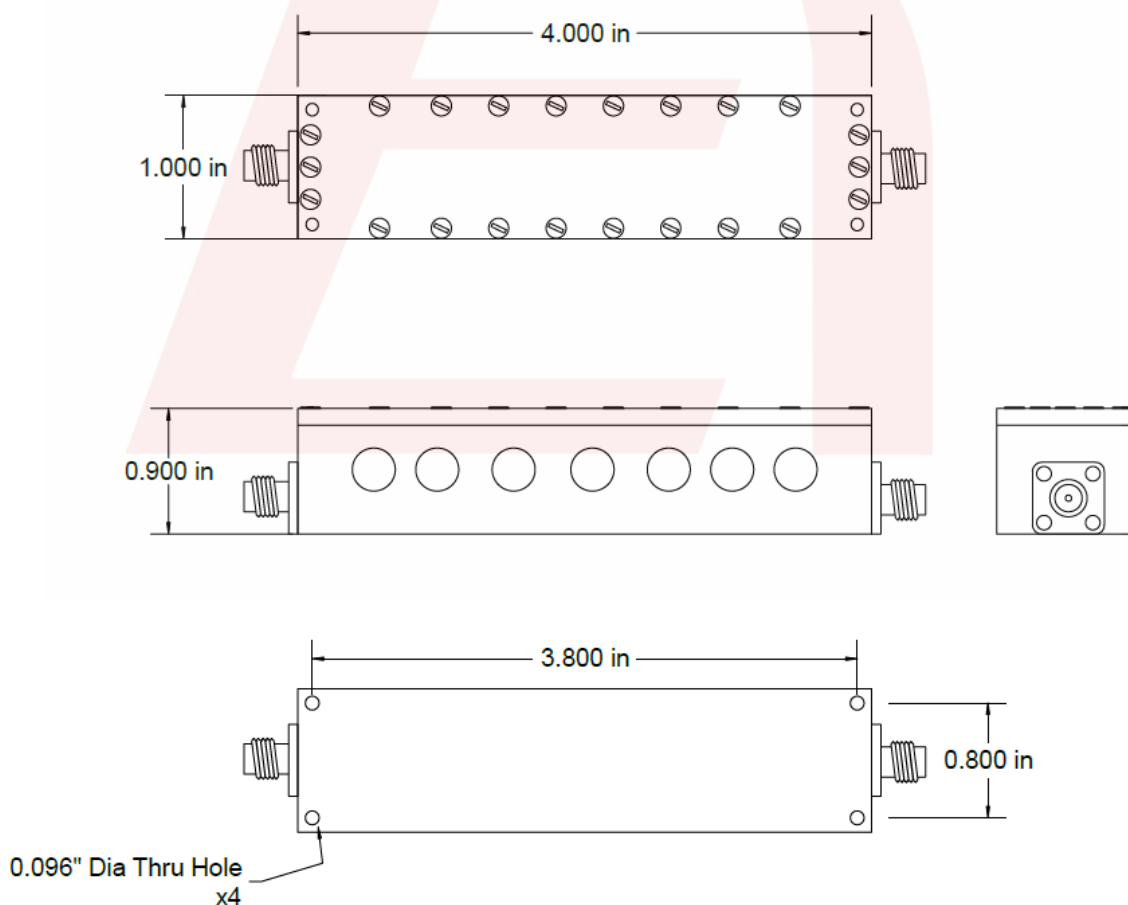
Operating Temperature: -45 to +85 deg.C

Storage Temperature: -55 to +95 deg.C

Shock: 20 G. 11ms

Vibration: 20 G. 5 to 200 MHz

Outline Drawing:



DS-B11807-2.92-03312025-Rev0



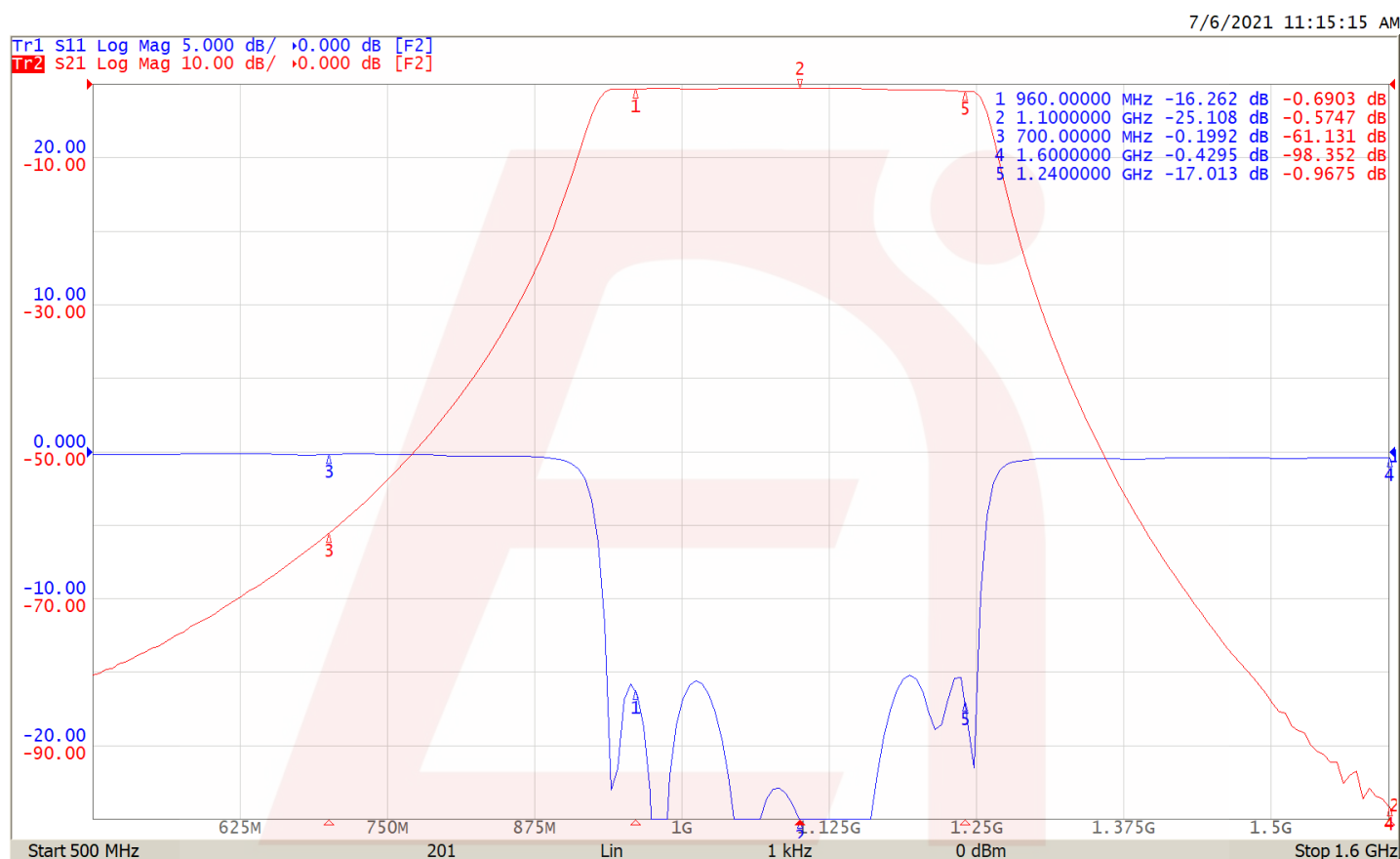
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Response Plot:



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