



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

2240 MHz Cavity Bandpass Filter

For Outdoor

Part Number: AE2240B12122-O



Electrical specifications

Center Frequency: 2240 MHz

Passband: 2200 – 2280 MHz

Insertion Loss: 1.8 dB Max

Return Loss: 15 dB Min

Rejection: 50 dB Min @ 2190 MHz

50 dB Min @ 2290 MHz

60 dB Min @ 2300 MHz

Impedance: 50 Ohms In/Out

Phase Matching: $\pm 5^\circ$ for set of 4 units

Power Handling: 30 W CW Max

Mechanical

Connector Type: SMA (F)

Dimensions: 4.41 x 3.07 x 1.10 in
112 x 78 x 28 mm

Environmental

Operating Temperature: -50 to +55° C

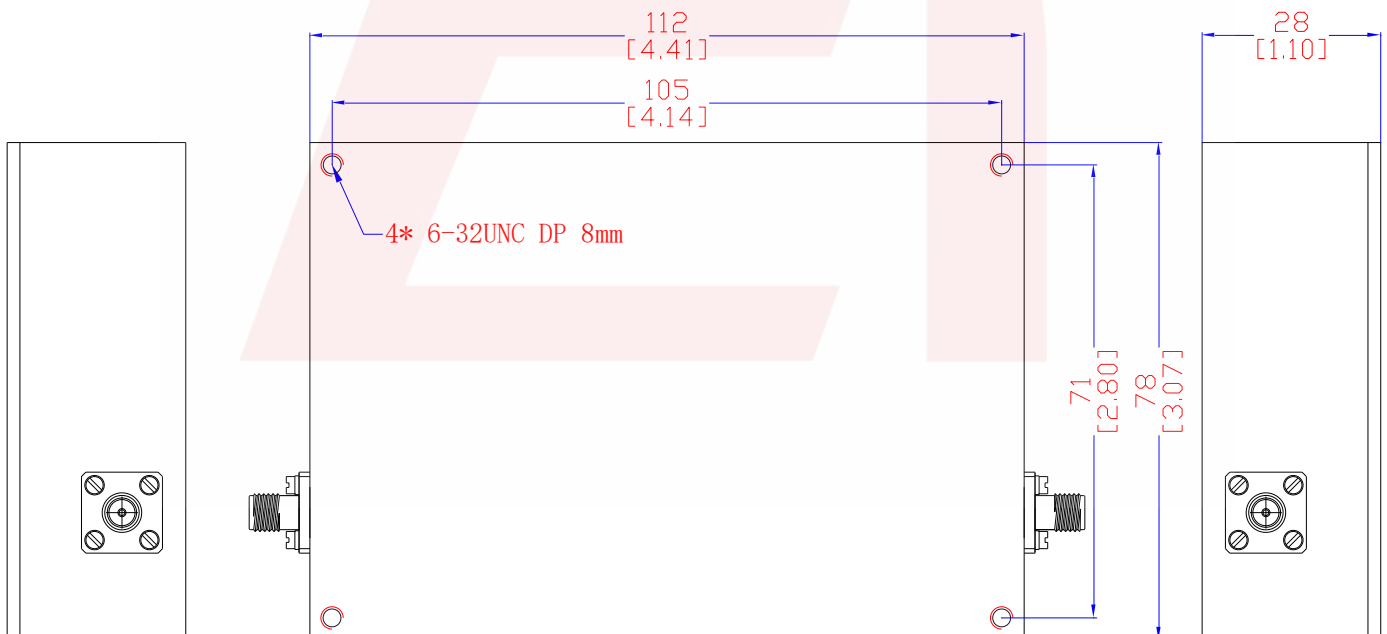
Storage Temperature: -45 to +85° C

Shock: 20 G. 11ms

Vibration: 20 G. 5 to 200 Hz

IP Rating: IP65

Outline Drawing:



DS-B12122-O-02292024-Rev0



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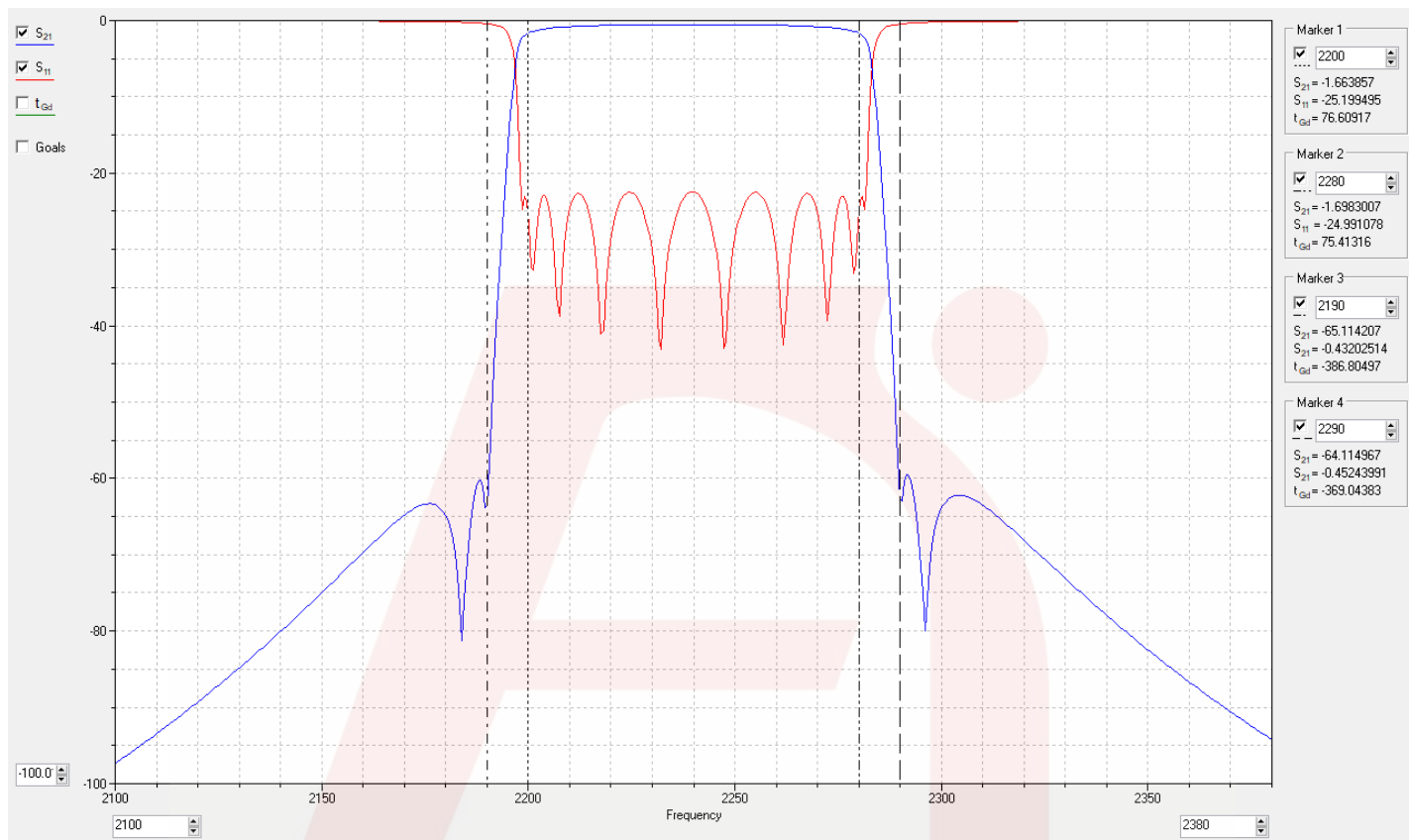
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Simulation Response Plot:



Note: This is a simulation Plot. Actual response plot might differ.

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