



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

2245 MHz Cavity Bandpass Filter

Part Number: AE2245B12324



Electrical Specifications

Center Frequency: 2245 MHz
Frequency Range: 2200 – 2290 MHz
Insertion Loss @ CF: 1.8 dB Max
Return Loss: 20 dB Min
Rejection: ≥ 20 dB @ 2192 MHz
Rejection: ≥ 20 dB @ 2305 MHz
Rejection: ≥ 40 dB @ 2500 MHz
Impedance: 50 Ohms In/Out
Power Handling: 10 W CW Max

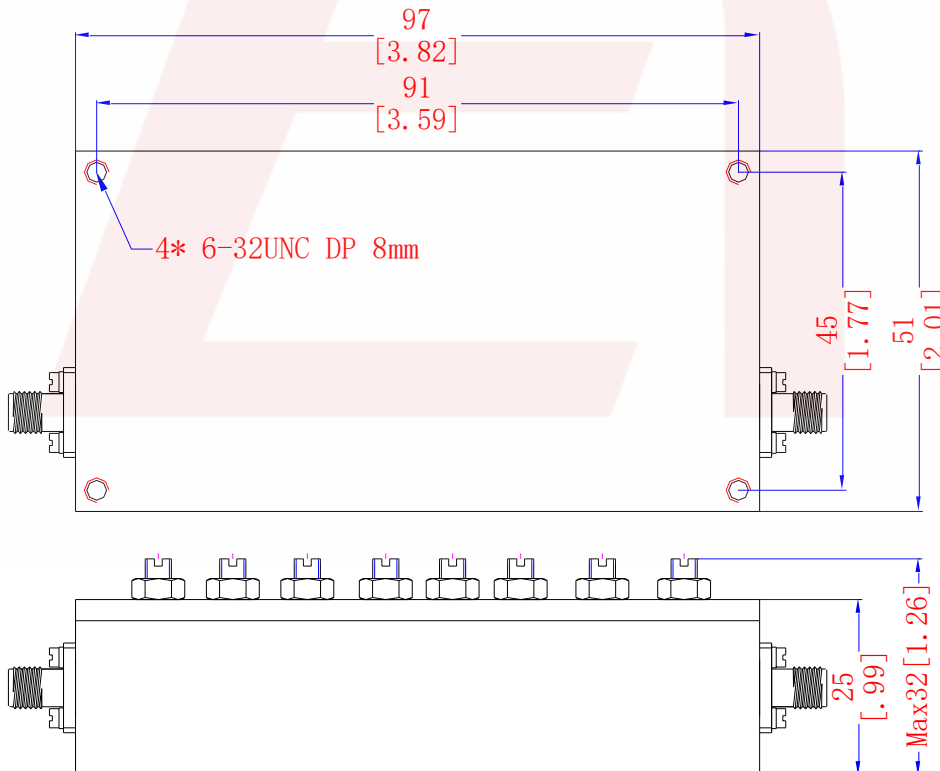
Mechanical

Mounting Method: Threaded Holes
Connector Type: SMA (F)
Dimensions: 3.82 x 2.01 x 1.26 in
97 x 51 x 32 mm

Environmental

Operating Temperature: 0°C to +50°C
Storage Temperature: -45°C to +85°C
Humidity: 95% RH at 40°C
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 2000Hz

Outline Drawing:



All Dimensions in inches (mm)
Outline Tolerances $\pm 0.3(0.012)$

DS-B12324-02272025-Rev1



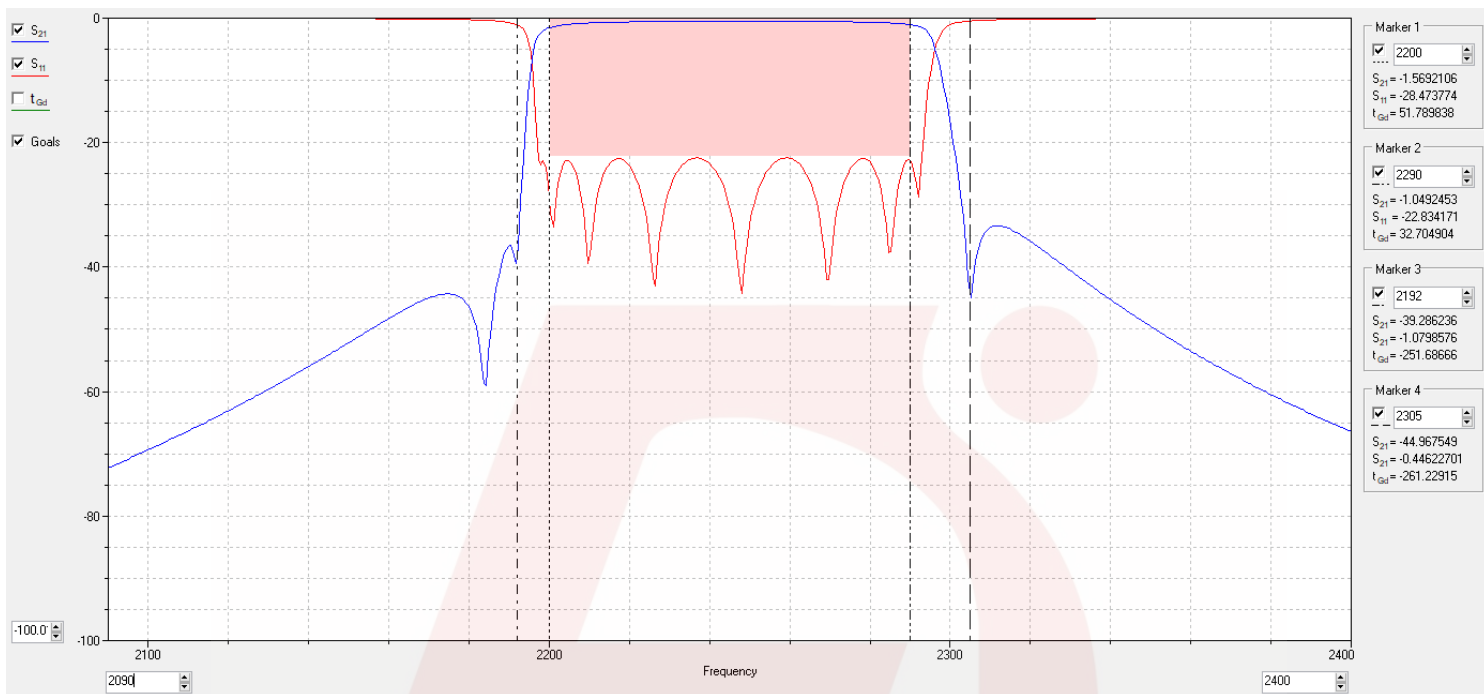
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Simulated Plot:



Note: This is a simulation plot. Actual results may differ once the product is implemented.

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