



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

2250 MHz Cavity Bandpass Filter

Part Number: AE2250B12323



Electrical specifications

Center Frequency: 2250 MHz
Frequency Range: 2200 - 2300 MHz
Passband Insertion loss @ CF: 1.8 dB Max
Passband Return loss: 15 dB Min
Rejection: ≥ 20 dB @ 2192 MHz
Rejection: ≥ 20 dB @ 2350 MHz
Rejection: ≥ 40 dB @ 2500 MHz
Power Handling: 10 W CW Max

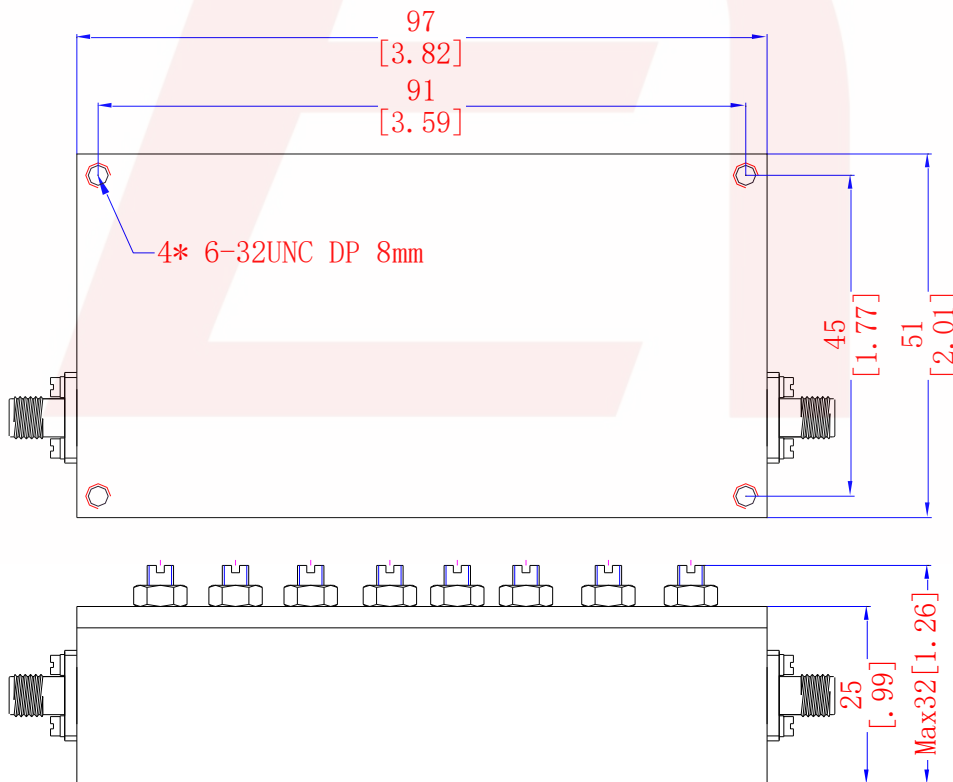
Mechanical

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: -40°C to +70°C
Storage Temperature: -45°C to +85°C
Humidity: 95%RH at 40°C
Vibration: 20 G. 5 to 2000 Hz

Outline Drawing:



DS-B12323-02142025-Rev0



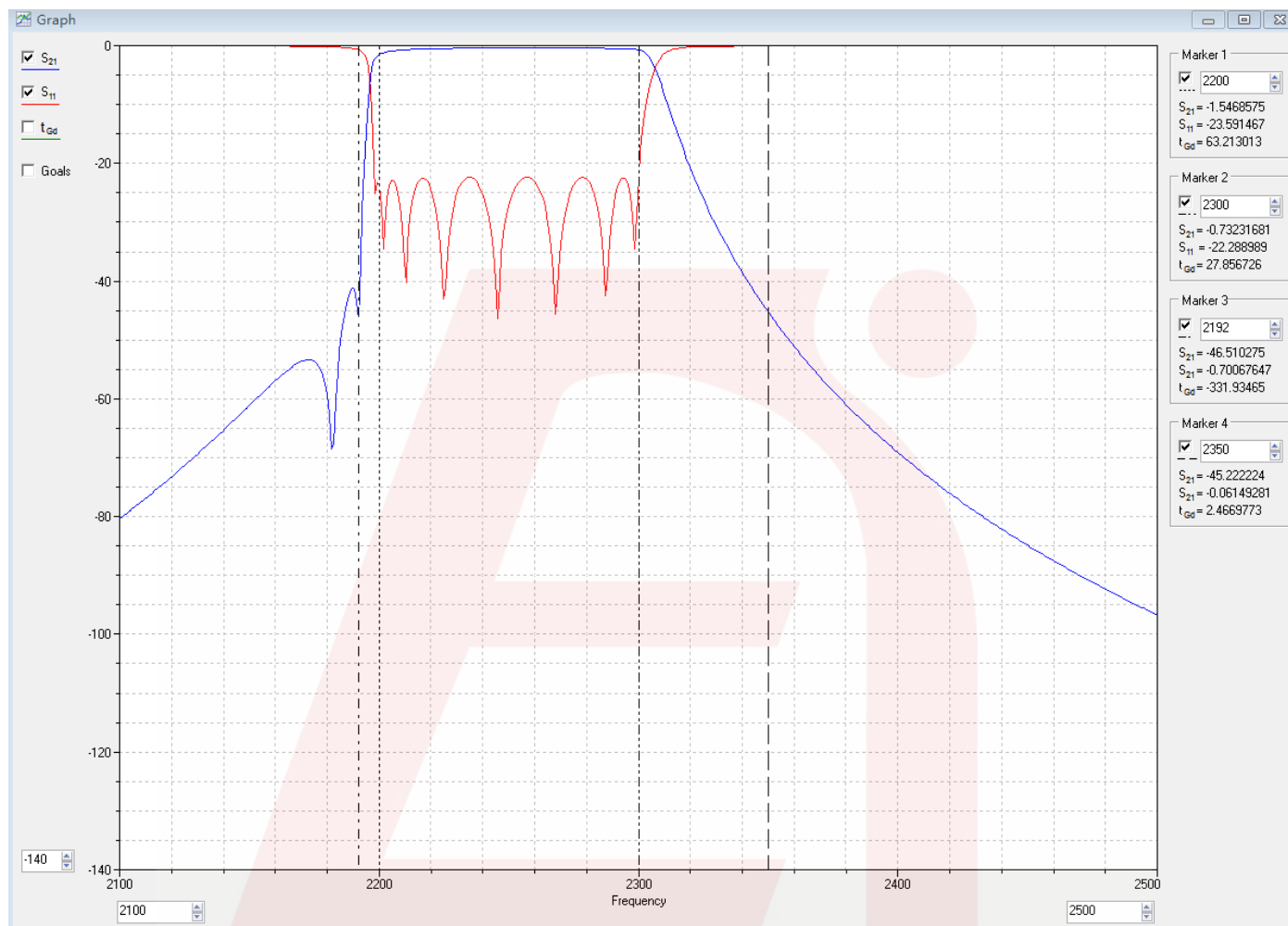
ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

2250 MHz Cavity Bandpass Filter

Part Number: AE2250B12323



Simulation Plot:



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

DS-B12323-02142025-Rev0