



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

4775 MHz Bandpass Filter

Part Number: AE4775B12327



Electrical specifications

Center Frequency: 4775 MHz

Passband Frequency: 4400 - 5150 MHz

Passband Insertion Loss: 1.0 dB Max

Passband Return Loss: 14 dB Min

Rejection: 80 dB Min @ 4350 MHz

Rejection: 80 dB Min @ 5200 - 5250 MHz

Impedance: 50 Ohms In/Out

Power Handling: 75 W CW

Mechanical

Mounting: Threaded holes

Connector Type: SMA (F)

Dimensions: 6.46 x 4.84 x 1.1 in

164.0 x 123.0 x 28.0 mm

Environmental

Operating Temperature: -40°C to +70°C

Storage Temperature: -55°C to +85°C

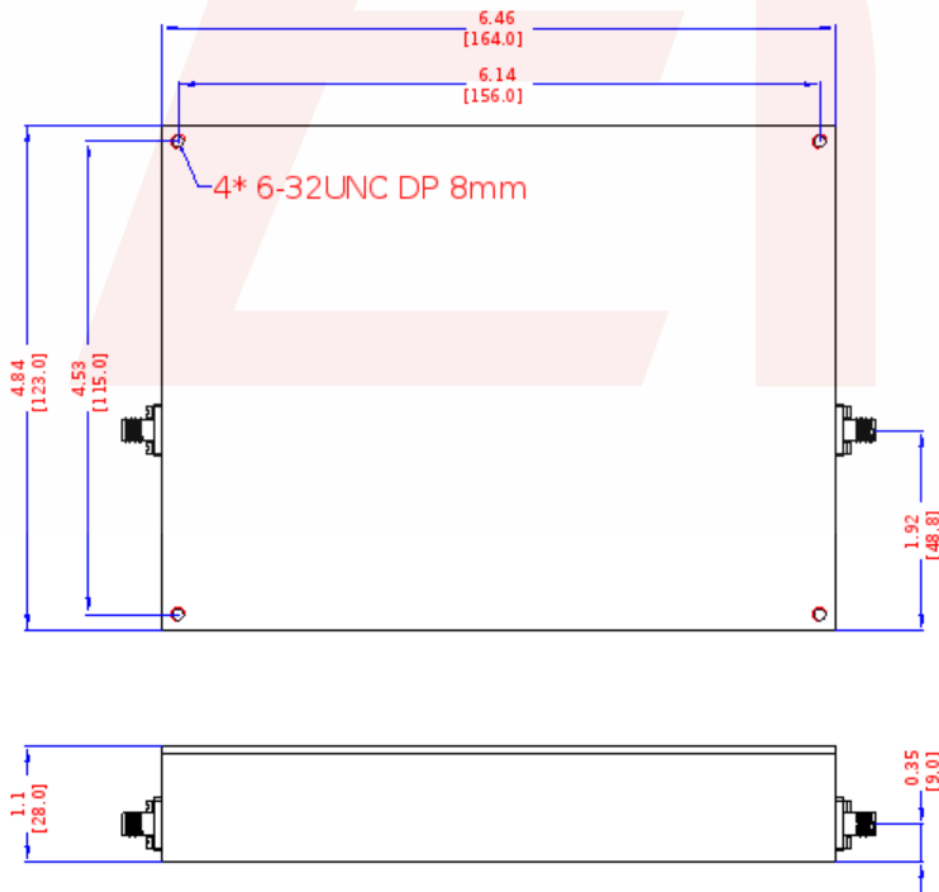
Humidity: 95%RH at 40°C

Shock: 20 G. 11ms

Vibration: 20 G. 5 to 2000 Hz

RoHS compliant

Outline Drawing:



DS-B12327-04172025-Rev0



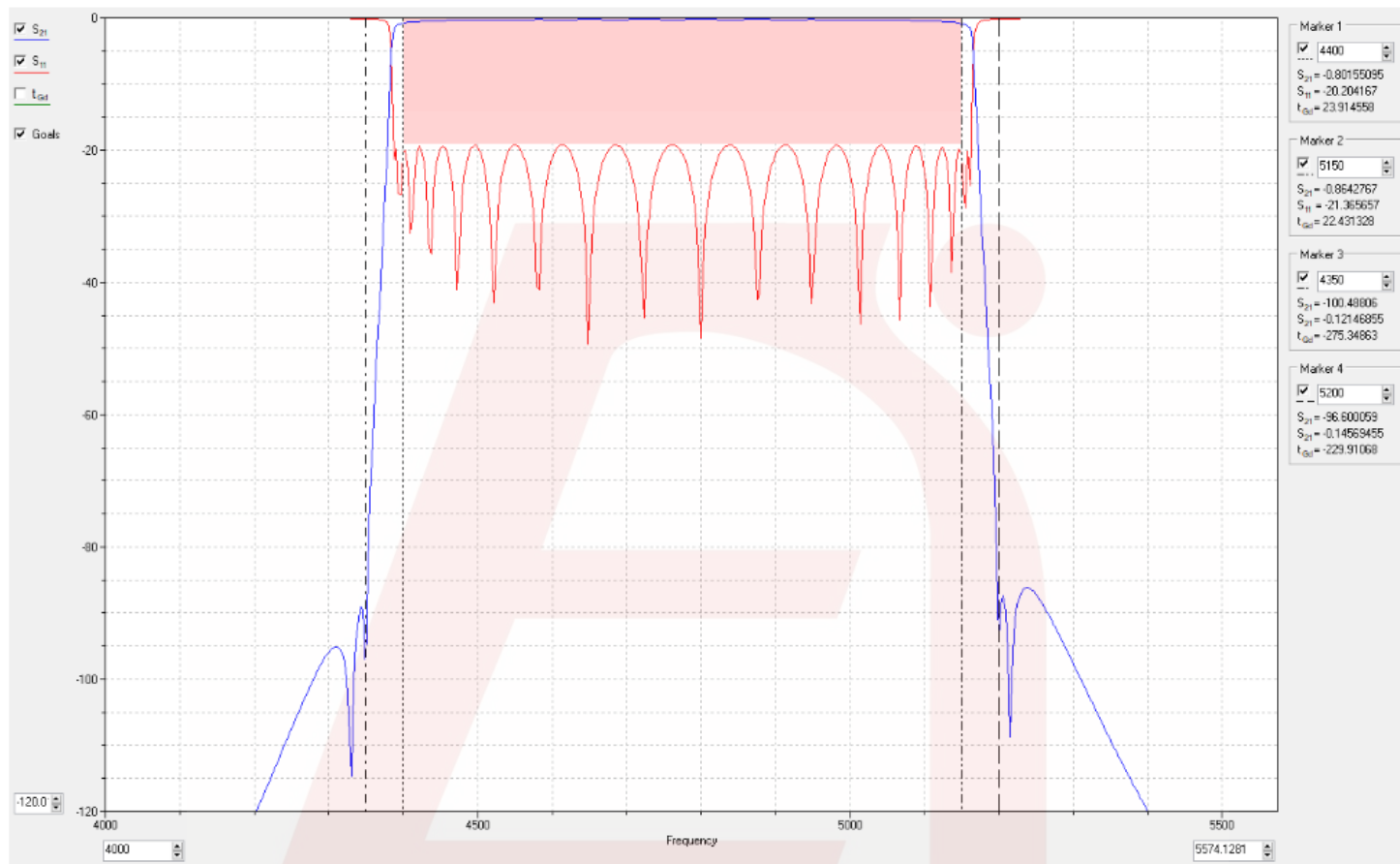
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Simulation Plot:



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

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