



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

5550 MHz Bandpass Filter

Part Number: AE5550B12328



Electrical specifications

Center Frequency: 5550 MHz
Passband Frequency: 5450 - 5650 MHz
Passband Insertion Loss: 1.5 dB Max
Passband Return Loss: 14 dB Min
Rejection: 80 dB Min @ 5400 MHz
Rejection: 80 dB Min @ 5700 MHz
Rejection: 90 dB Min @ 5750 MHz
Impedance: 50 Ohms In/Out
Power Handling: 100 W CW

Mechanical

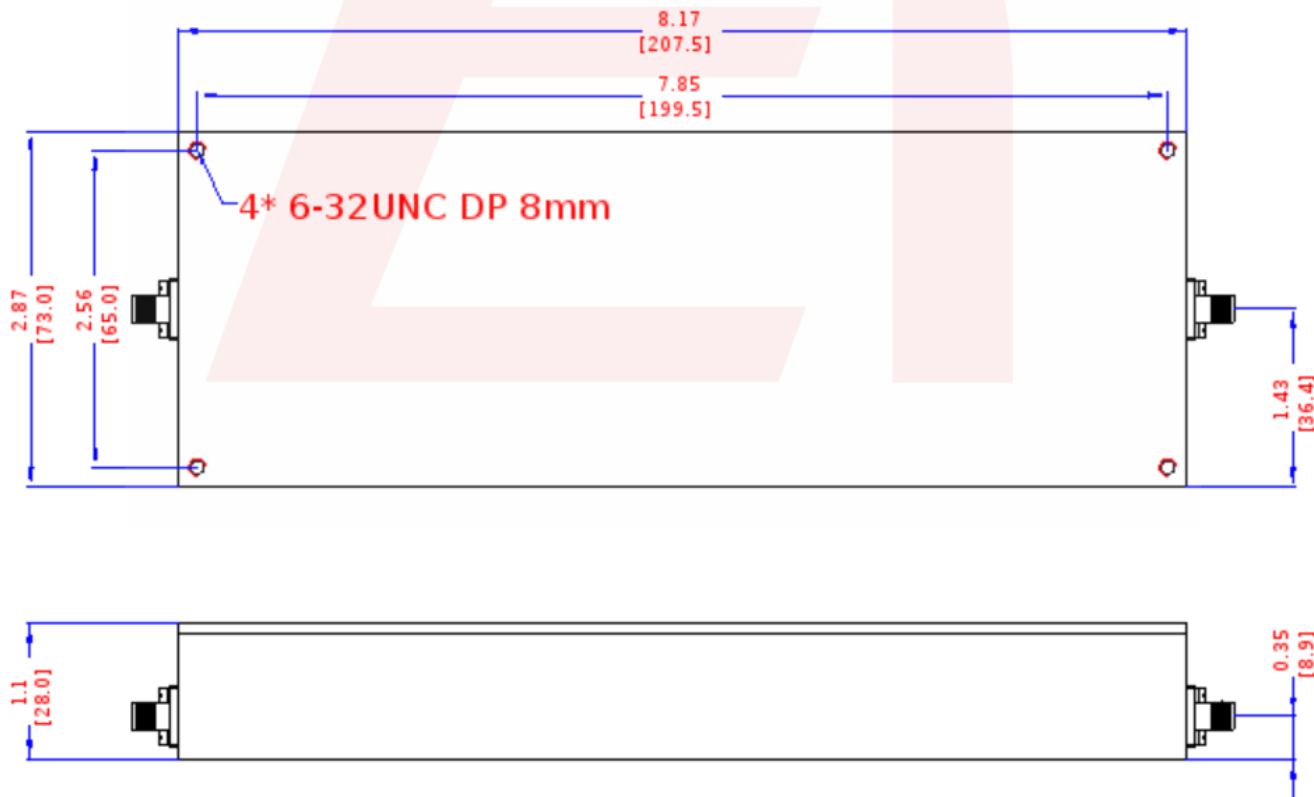
Mounting: Threaded holes
Connector Type: SMA (F)
Dimensions: 8.17 x 2.87 x 1.1 in
207.5 x 73.0 x 28.0 mm

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-B12328-04172025-Rev0



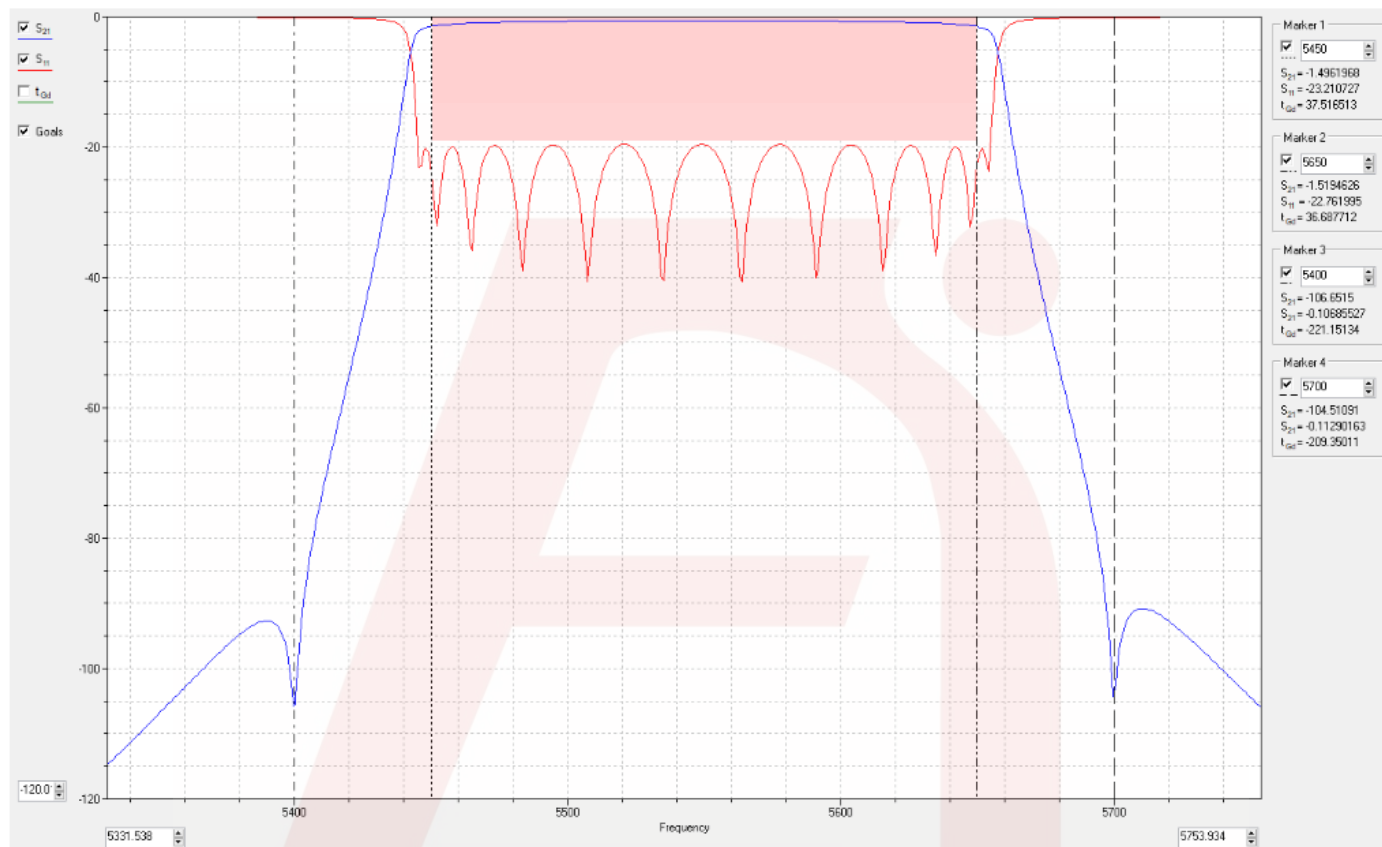
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Simulation Plot:



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

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