



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

5550 MHz Cavity Band Pass Filter

Part Number: AE5550B11695



Electrical Specifications

Center Frequency: 5550 MHz
Bandwidth: 902 MHz
Passband Frequency (PB): 5099-6001MHz
Insertion Loss: 1.0 dB Max
Return Loss : 14 dB Min
Rejection: ≥50dB@F0±600MHz
Power Handling: 20 W Max
Impedance: 50 Ohms

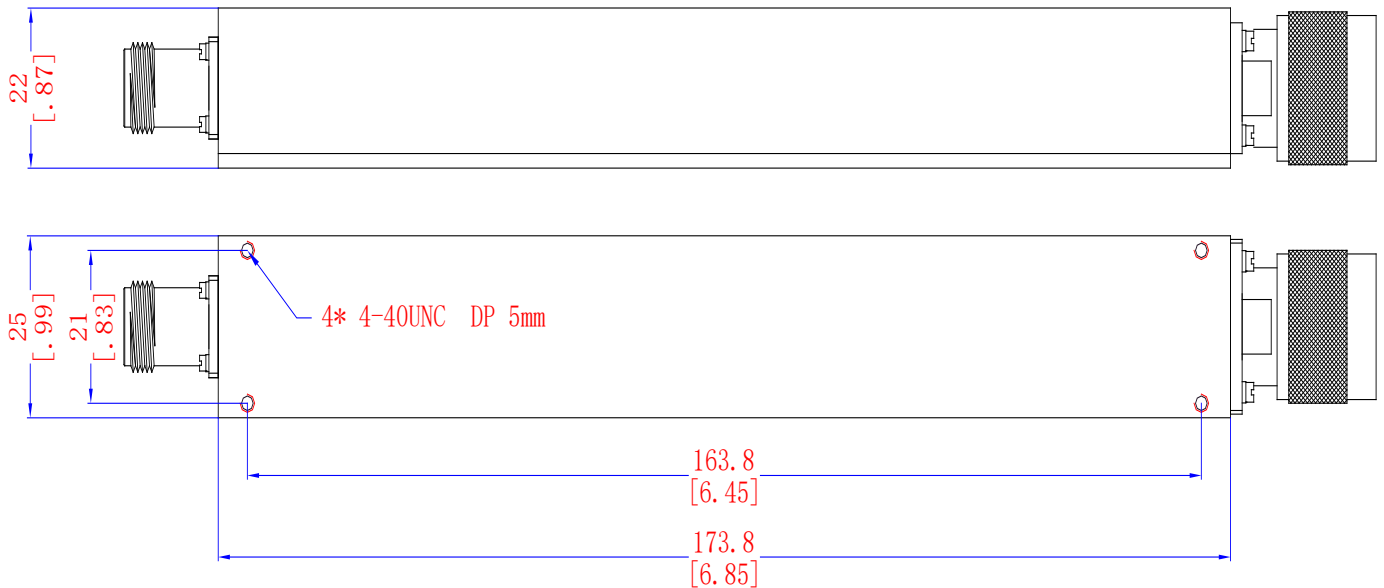
Mechanical

Mounting Method: 4-40 Threaded Holes
Connector Type: N-Type(M) & N-Type(F)
Dimensions: 6.85 x 0.99 x 0.87 inches

Environmental

Operating Temperature: 40°C to +70°C
Storage Temperature: 40°C to +85°C
Shock: 20G, 11 ms
Vibration: 20G 0.5 to 200 Hz

Outline Drawing:



2 decimal places: +/-0.01 inches [+/-0.3mm]
 3 decimal places: +/-0.005 inches [+/-0.13mm]
 Angles: +/-1 Deg.

When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.

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