



5790-5810 MHz Cavity Band Pass Filter



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Part Number: AE5800B11890

Electrical Specifications

Center Frequency (Fo): 5800 MHz
Passband (PB): 5790-5810 MHz
Insertion Loss: 2.5 dB Max. @ Fo
Insertion Loss: 3.5 dB Max. @ 5790 MHz & 5810 MHz
Return Loss in PB: 14 dB Min
Rejection1: 60 dB Min @ DC-5780 MHz
Rejection2: 60 dB Min @ 5820 MHz
Impedance: 50 Ohms
Power Handling: 50 W CW max

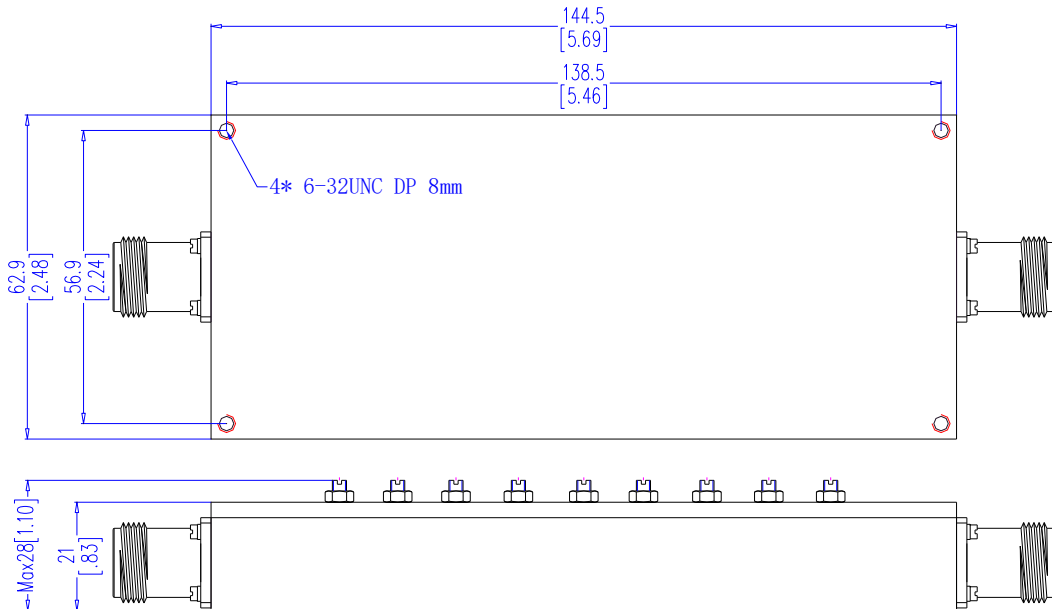
Mechanical

Mounting Method: 6-32 Threaded Holes
Connector Type: N (F)
Dimensions: 5.69" x 2.48" x 1.10" max
144 x 63 x 29 (max) mm

Environmental

Operating Temperature: -40°C to +70°C
Storage Temperature: -55°C to +85°C
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 200Hz

Outline Drawing:



Tolerance: +/-0.01 inches [+/- 0.3mm]

Angles: +/- 1 Deg.

*Tolerance as shown unless otherwise specified in the datasheet electrical specification tables above.

*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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Simulated Response Plot:

