



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

5710-5730 MHz Cavity Band Pass Filter

Part Number: AE5720B11891



Electrical Specifications

Center Frequency (Fo): 5720 MHz
Passband (PB): 5710-5730 MHz
Insertion Loss: 2.5 dB Max. @ Fo
Insertion Loss: 3.5 dB Max. @ 5710 MHz & 5730 MHz
Return Loss in PB: 14 dB Min
Rejection1: 60 dB Min @ DC-5700 MHz
Rejection2: 60 dB Min @ 5740 MHz
Impedance: 50 Ohms
Power Handling: 50 W CW max

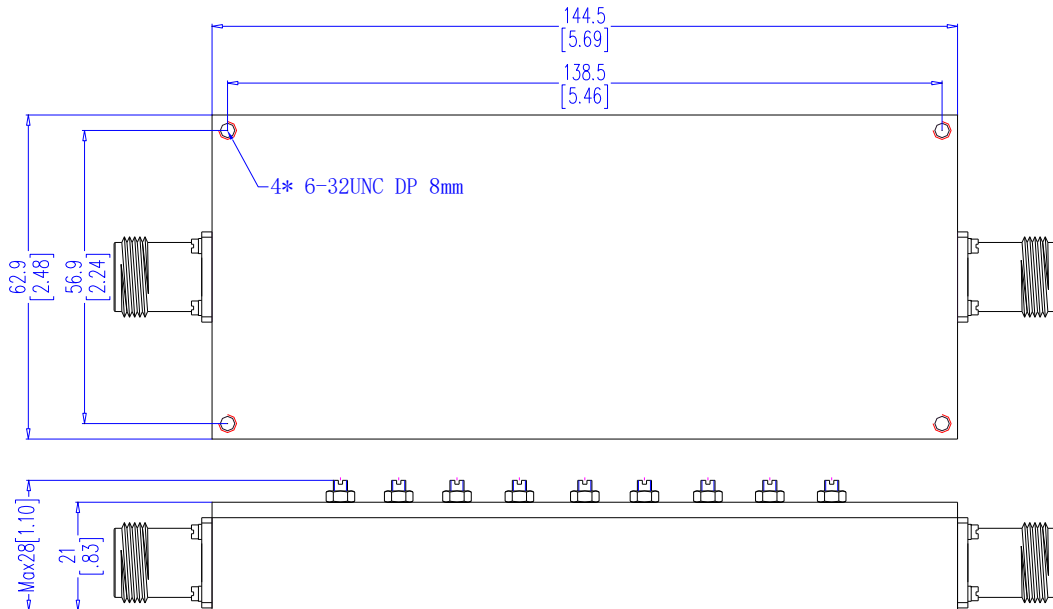
Mechanical

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:

