



2020-2320 MHz Cavity Band Pass Filter

Part Number: AE2170B11897



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Electrical Specifications

Center Frequency (Fo): 2170 MHz
Passband (PB): 2020-2320 MHz
Insertion Loss in PB: 1.0 dB max
Return Loss in PB: 15 dB Min
Rejection1: 65 dB Min @ DC-1895 MHz
Rejection2: 65 dB Min @ 2445-6000 MHz
Impedance: 50 Ohms
Power Handling: 20 W CW max

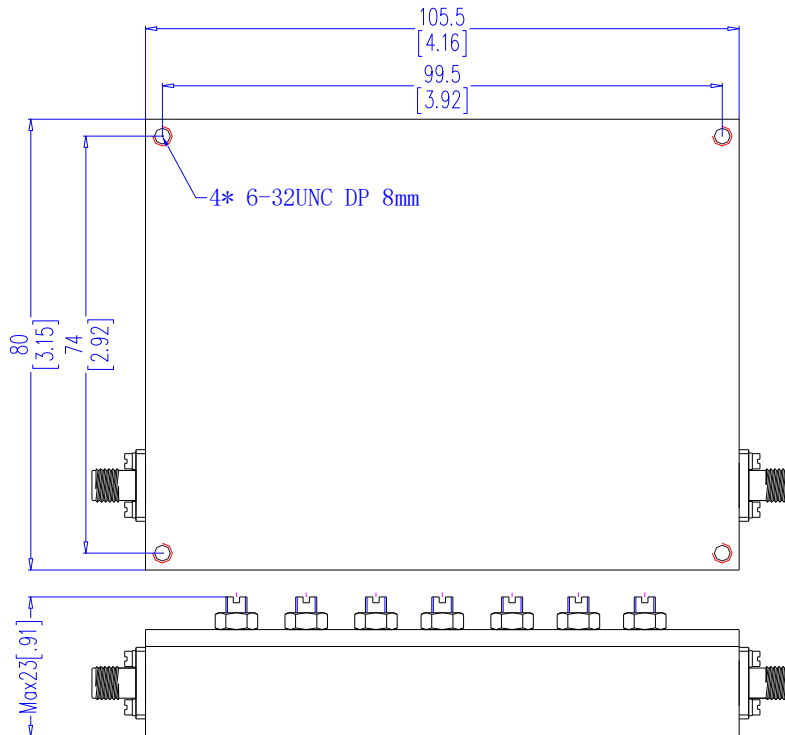
Mechanical

Mounting Method: 6-32 Threaded Holes
Connector Type: SMA (F)
Dimensions: 4.16" x 3.15" x 0.91" max
105 x 80 x 23 (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:

