



1227.5 MHz Cavity Band Pass Filter

Part Number: AE1227B11637



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Electrical Specifications

Center Frequency: 1227.5 MHz
Bandwidth: 354.5 MHz
Insertion Loss: 1.0 dB Max.
Return Loss: 14 dB Min.
Rejection1: ≥ 60 dB @ DC-802.5 MHz
Rejection2: ≥40 dB @ 902.5 MHz
Rejection3: ≥40 dB @ 1602.5 MHz
Rejection4: ≥60 dB @ 1702.5-2500 MHz
Power Handling: 20 W
Impedance: 50 Ohms

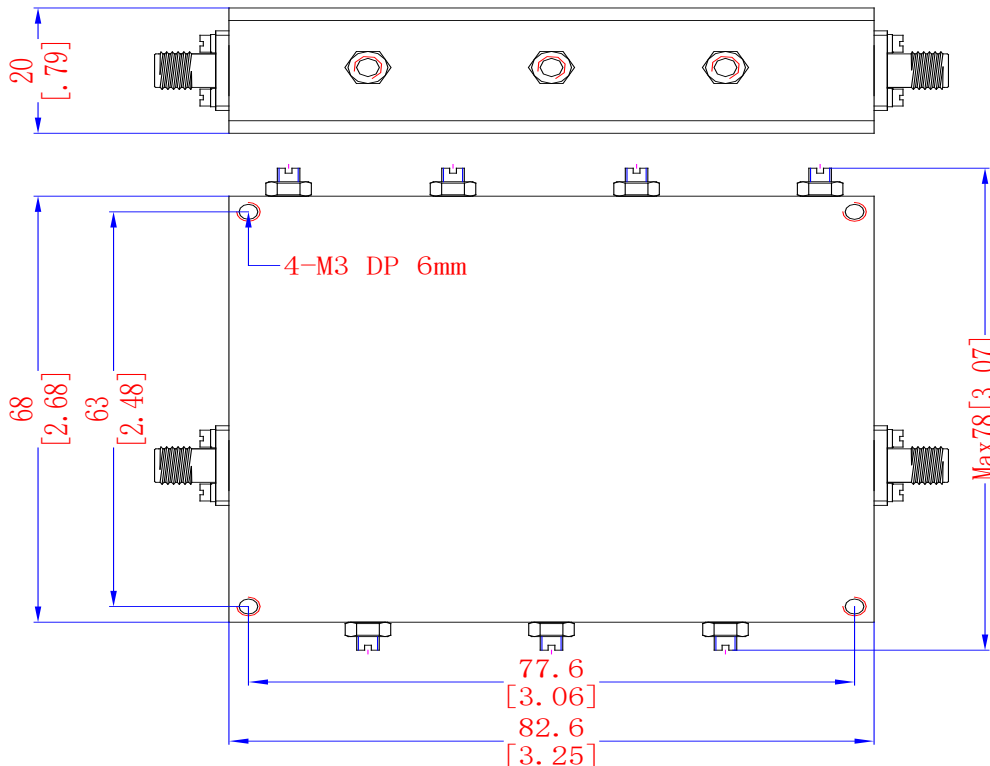
Mechanical

Mounting Method: 4-M3 Threaded Holes
Connector Type: SMA(F)
Dimensions: 3.25" X 2.68" x 0.79" .

Environmental

Operating Temperature: -25°C to +70°C
Storage Temperature: -40°C to +90°C
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 200Hz

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.

70 Outwater Lane Phone: (973) 772-4242
Garfield, NJ 07026 Fax : (973) 321-3941

Email: sales@anatechelectronics.com
Web: www.anatechelectronics.com



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Response Plot:

