



1825.5 MHz Cavity Band Pass Filter



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Part Number: AE1825B11638

Electrical Specifications

Center Frequency: 1825.5 MHz
Bandwidth: 350.5 MHz
Insertion Loss: 1.0 dB Max.
Return Loss: 14 dB Min.
Rejection1: ≥ 60 dB @ DC-1400.5 MHz
Rejection2: ≥40 dB @ 1500.5 MHz
Rejection3: ≥40 dB @ 2200.5 MHz
Rejection4: ≥60 dB @ 2300.5-3500 MHz
Power Handling: 20 W
Impedance: 50 Ohms

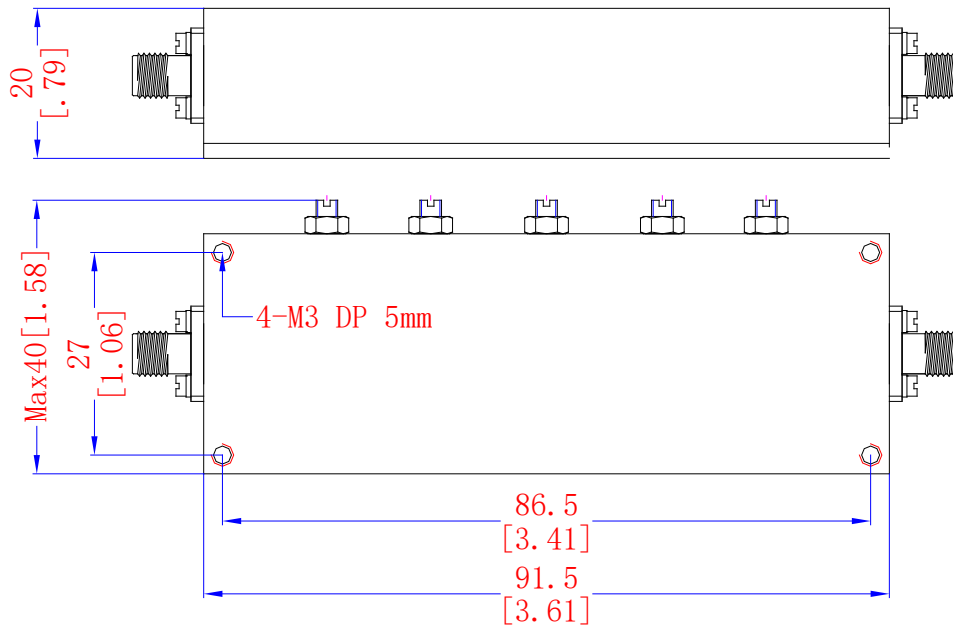
Mechanical

Mounting Method: 4-M3 Threaded Holes
Connector Type: SMA(F)
Dimensions: 3.61" X 1.58" 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.



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1825.5 MHz Cavity Band Pass Filter

Part Number: AE1825B11638



Response Plot:

