



2287 MHz Cavity Band Pass Filter



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Part Number: AE2287B11702

Electrical Specifications

Center Frequency: 2287 MHz
Bandwidth: 15 MHz
Passband Frequency (PB): 2279.5-2294.5 MHz
Insertion Loss in PB: 1.0 dB Max
Return Loss in PB: 18 dB Min.
Rejection1: 50 dB Min. @ 2250 MHz
Rejection2: 50 dB Min. @ 2320-4000 MHz
Power Handling: 10 W Max.
Input / output Impedance: 50 Ohms

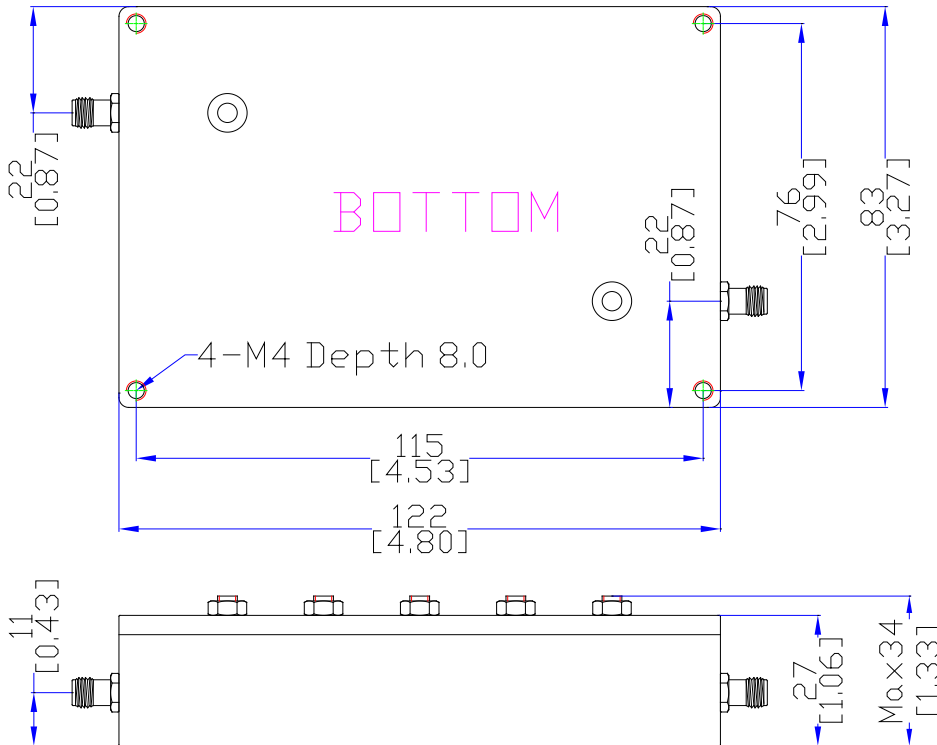
Mechanical

Mounting Method: Threaded Holes
Connector Type: SMA(F)
Dimensions: 4.8 x 3.27 x 1.33 in.
Dimensions : 122 x 83 x 34 mm.

Environmental

Operating Temperature: -20°C to +60°C
Storage Temperature: -35°C to +75 °C
Shock: 20G. 11ms
Vibration: 20G 0.5 to 200 Hz

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.