



8210 MHz Cavity Band Pass Filter

Part Number: AE8210B11689



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Electrical specifications

Center Frequency: 8210MHz
Bandwidth: 60 MHz
Passband: 8180-8240MHz
Insertion Loss: 1.0 dB Max
Ripple: 0.5 dB Max.
Return Loss: 15 dB Min.
Rejection 1: 60 dB Min. @ 4105 MHz
Rejection 2: 60 dB Min. @ 12315 MHz
Impedance: 50 Ω
Power Handling: 20 Watts

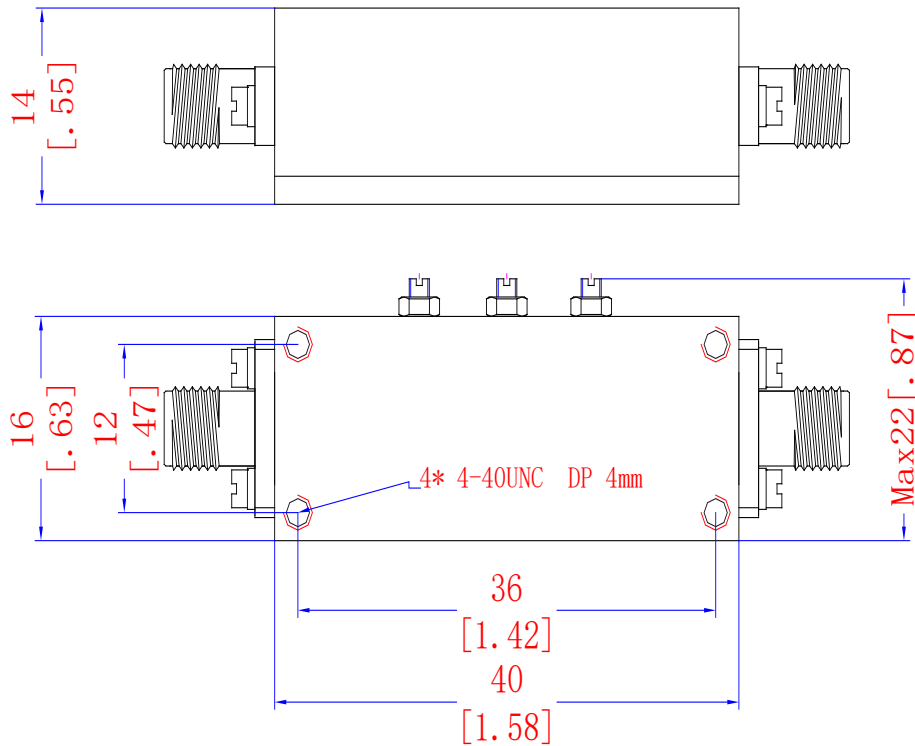
Mechanical

Mounting Method: Threaded Holes
Connector Type: SMA(F)
Dimensions: 1.58 x 0.87 x 0.55 in.

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.