



510 MHz Cavity Bandpass Filter

Part Number: AE510B11685



Electrical Specifications

Center Frequency: 510 MHz
Bandwidth: 12 MHz
Passband: 505-516 MHz
Insertion Loss: 1.0 dB Max
VSWR: 1.4:1 Max
Rejection: 60 dB Min. @ 450-470 MHz
Power Handling: 30 W

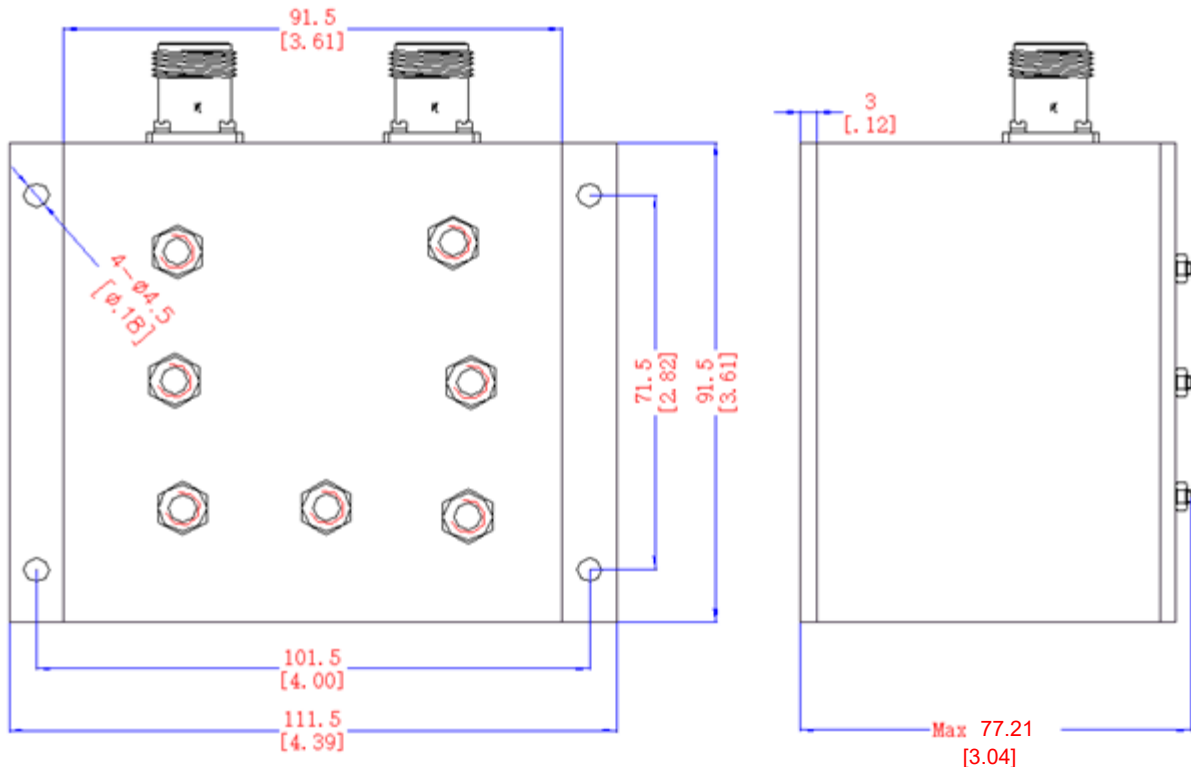
Mechanical

Mounting Method: Through Holes
Connector Type: N-Type (F)
Dimensions: 4.39 x 3.61 x 3.04 Inches

Environmental

Operating Temperature: -30 to +75° C
Storage Temperature: -30 to +85° C
Weather proof level: IP65
MTBF: 15,000 Hours

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.