



2412 / 2462 MHz Cavity Duplexer For Outdoor Use



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Part Number: AD2412-2462D324

Electrical Specifications

Channel 1

Center Frequency: 2412 MHz
Insertion Loss @ 2412 MHz: ≤ 1.7 dB
Insertion Loss @ 2401 MHz: ≤ 3.0 dB
Insertion Loss @ 2423 MHz: ≤ 3.0 dB
Passband Return Loss: ≥ 15 dB
Isolation: ≥ 75 dB @ 2451 MHz

Channel 11

Center Frequency: 2462 MHz
Insertion Loss @ 2462 MHz: ≤ 1.7 dB
Insertion Loss @ 2451 MHz: ≤ 3.0 dB
Insertion Loss @ 2473 MHz: ≤ 3.0 dB
Passband Return Loss: ≥ 15 dB
Isolation: ≥ 75 dB @ 2423 MHz

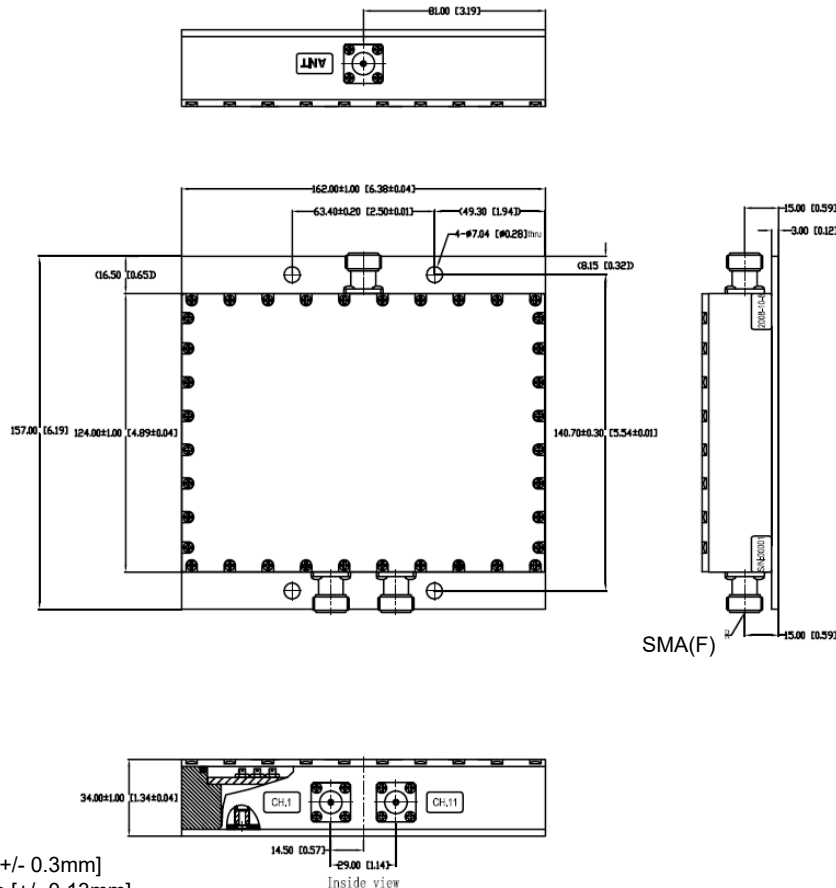
Mechanical

Connector Type: SMA (F)
Dimensions: 6.38 x 6.19 x 1.34 Inches

Environmental

Operating Temperature: -40 to +70° C
Storage Temperature: -50 to +90° C
Shock: 20G, 11 ms
Vibration: 20G 0.5 to 200 Hz

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.