



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

2140 MHz Cavity Notch Filter

Part Number: AE2145NS2200



Electrical specifications

Notch Center Frequency: 2145 MHz
Notch Passband: 2110 - 2180 MHz
Notch Rejection: 50 dB Min
Low Side Passband: 80 – 2085 MHz
High Side Passband: 2210 – 6000 MHz
Insertion Loss: 1.0 dB Max @ DC-2065 MHz
Insertion Loss: 2.0 dB Max @ 2065-2085 MHz
Insertion Loss: 2.0 dB Max @ 2210-2230 MHz
Insertion Loss: 1.0 dB Max @ 2230-6000 MHz
VSWR: 1.7
Impedance: 50 Ω
Power Handling: 20 Watt (CW), 100W (Peak)

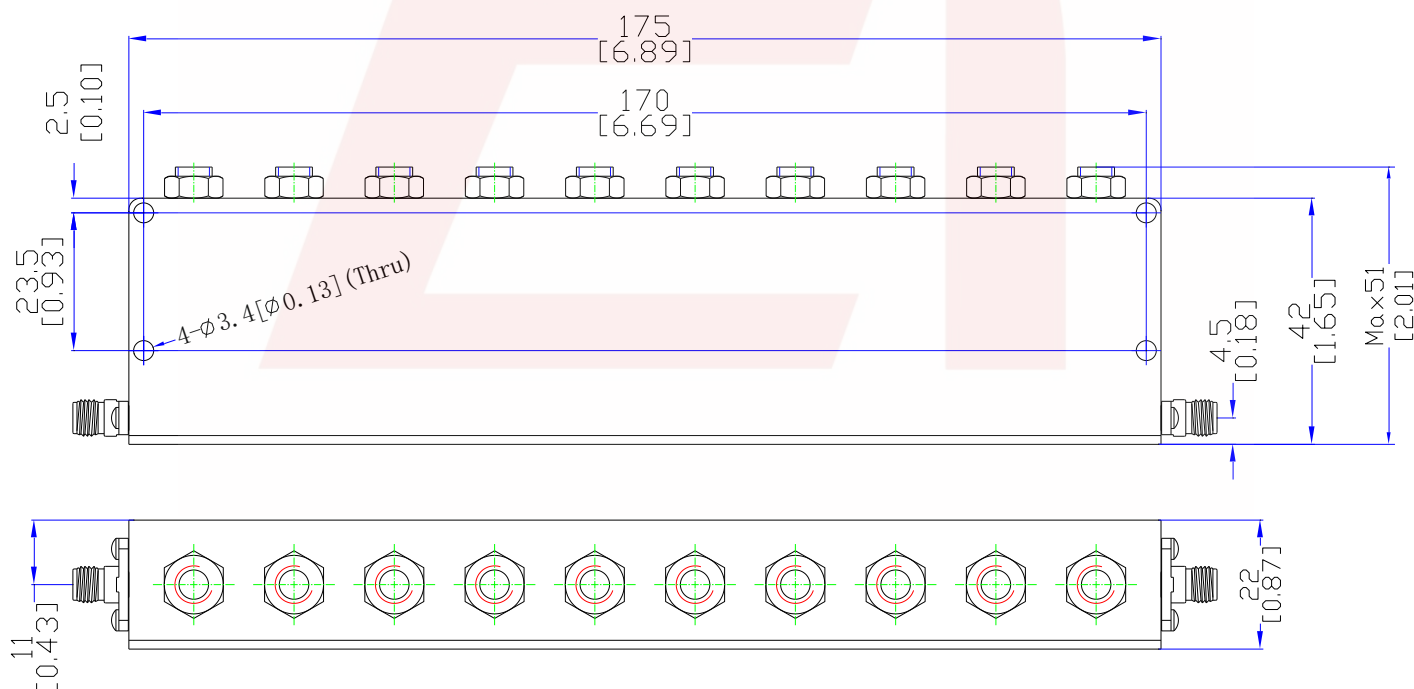
Mechanical

Connector Type: SMA Female
Mounting: Threaded Mounting Holes
Dimensions: 6.89 x 2.01 x 0.87 in.
175 x 51 x 22 mm

Environmental

Operating Temperature: -20 to +60° C
Storage Temperature: -50 to +90° C
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 200 Hz

Outline Drawing:



DS-NS2200-03232016-Rev1