



Preliminary Datasheet
2185 MHz Cavity Bandpass Filter
Part Number: AE2185B12192



Electrical specifications

Center Frequency: 2185 MHz
Bandwidth: 71 MHz
Passband: 2150 – 2221 MHz
Insertion Loss in Passband: 1.2 dB Max
Return Loss in Passband: 14 dB Min
Rejection: 50 dB Min @ 2108 MHz
 50 dB Min @ 2251 MHz
Impedance: 50 Ohms In/Out
Power Handling: 50 W CW max.

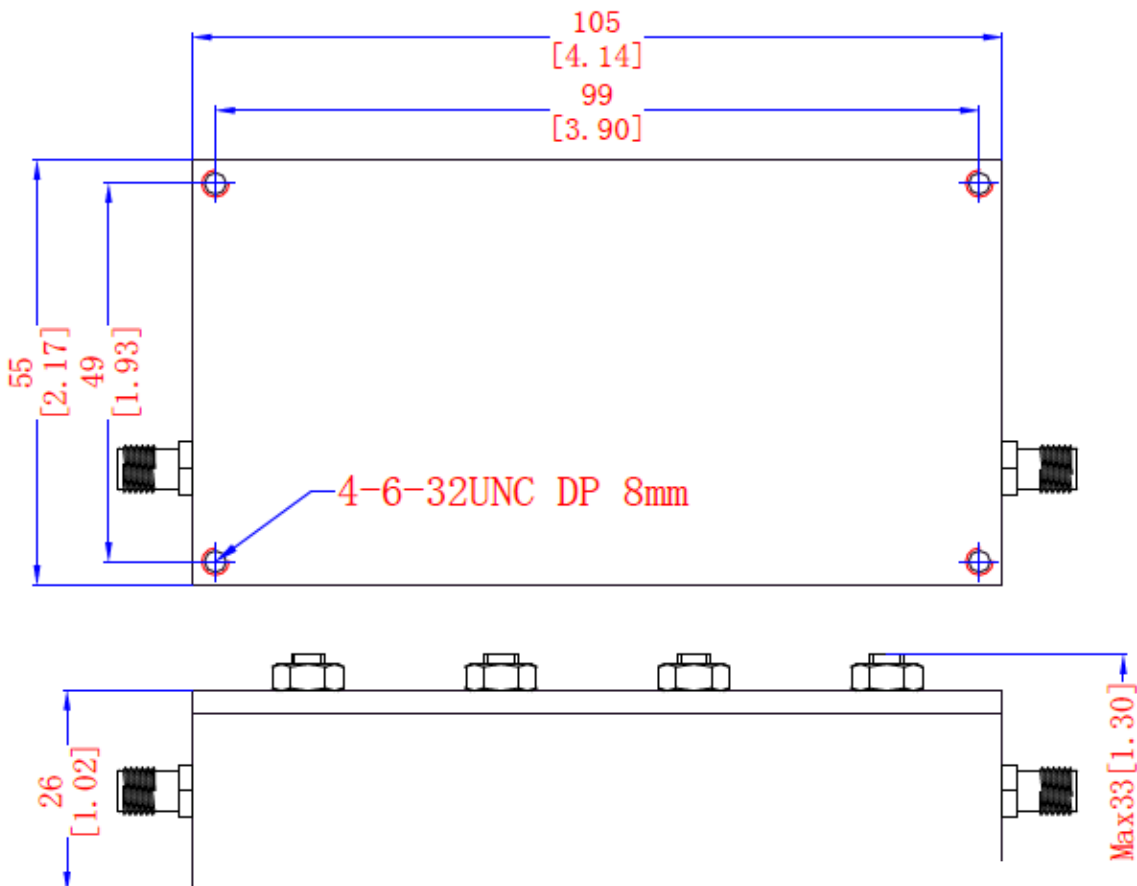
Mechanical

Mounting: Threaded Holes
Connector Type: SMA (Female)
Dimensions: 4.14 x 2.17 x 1.30 in.
 105 x 55 x 33 mm

Environmental

Operating Temperature: -45 to +85 deg.C
Storage Temperature: -55 to +95 deg.C
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 2000 Hz

Outline Drawing:



DS-B12192-10142024-Rev0