



Electrical specifications

Center Frequency: 2315 MHz
Bandwidth: 10 MHz
Input / Output Impedance: 50 Ohms
Passband: 2310 – 2320 MHz
Passband variation over bandwidth: <0.5 dB
Passband Insertion Loss: <1.0 dB
Passband Ripple: <0.2 dB
Passband Return Loss: >18dB
Group delay variation over bandwidth: <15 ns
Rejection: 13 MHz offset from Center Frequency >20 dBc
Rejection 2: 20 MHz offset from Center Frequency > 30 dBc
Power Handling: 20 Watts
Peak Power Handling: 150 Watts

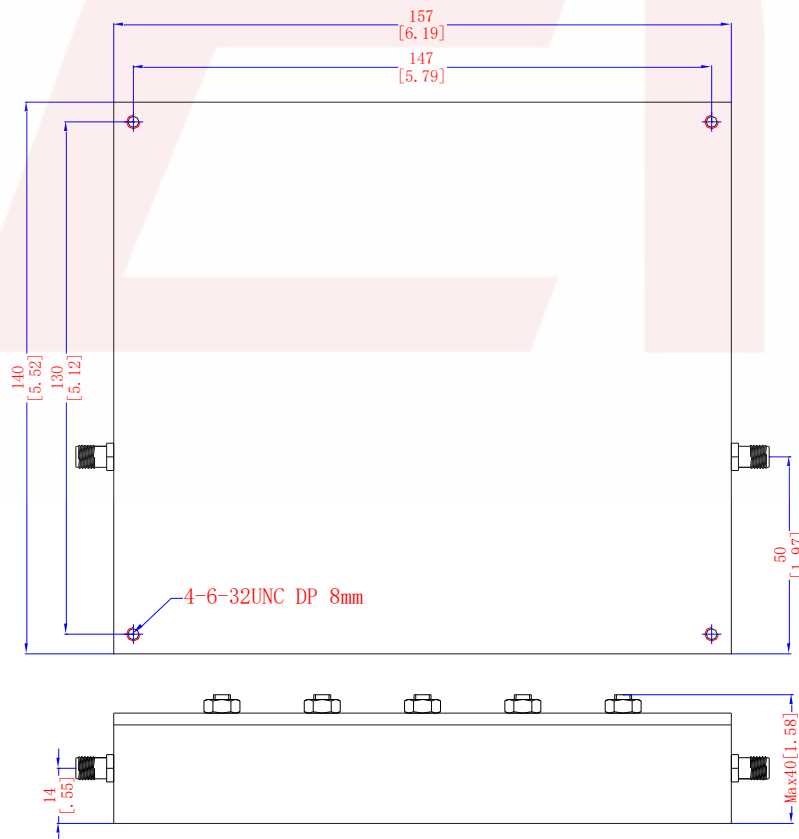
Mechanical

Mounting Method: Threaded Mounting Holes
Connector Type: SMA Female
Dimensions: 170 x 140 x 54 mm.

Environmental

Operating Temperature: 0 to +55 deg.C
Storage Temperature: -55 to +95 deg.C
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 200 MHz

Outline Drawing:





ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

2310-2320 MHz Cavity Band Pass Filter

Part Number: AB2315B994



Response Plot:

