



Electrical specifications

Center Frequency: 1845 MHz
Bandwidth: 300 MHz
Input / Output Impedance: 50 Ohms
Passband: 1695-1995 MHz
Passband Insertion Loss:
Passband Ripple: <0.2 dB
Passband Return Loss: >15 dB
Rejection: @ 0-1625 MHz: >70 dB
Rejection 2: @ 2065-5000 MHz: >70 dB
Power Handling: 50 W

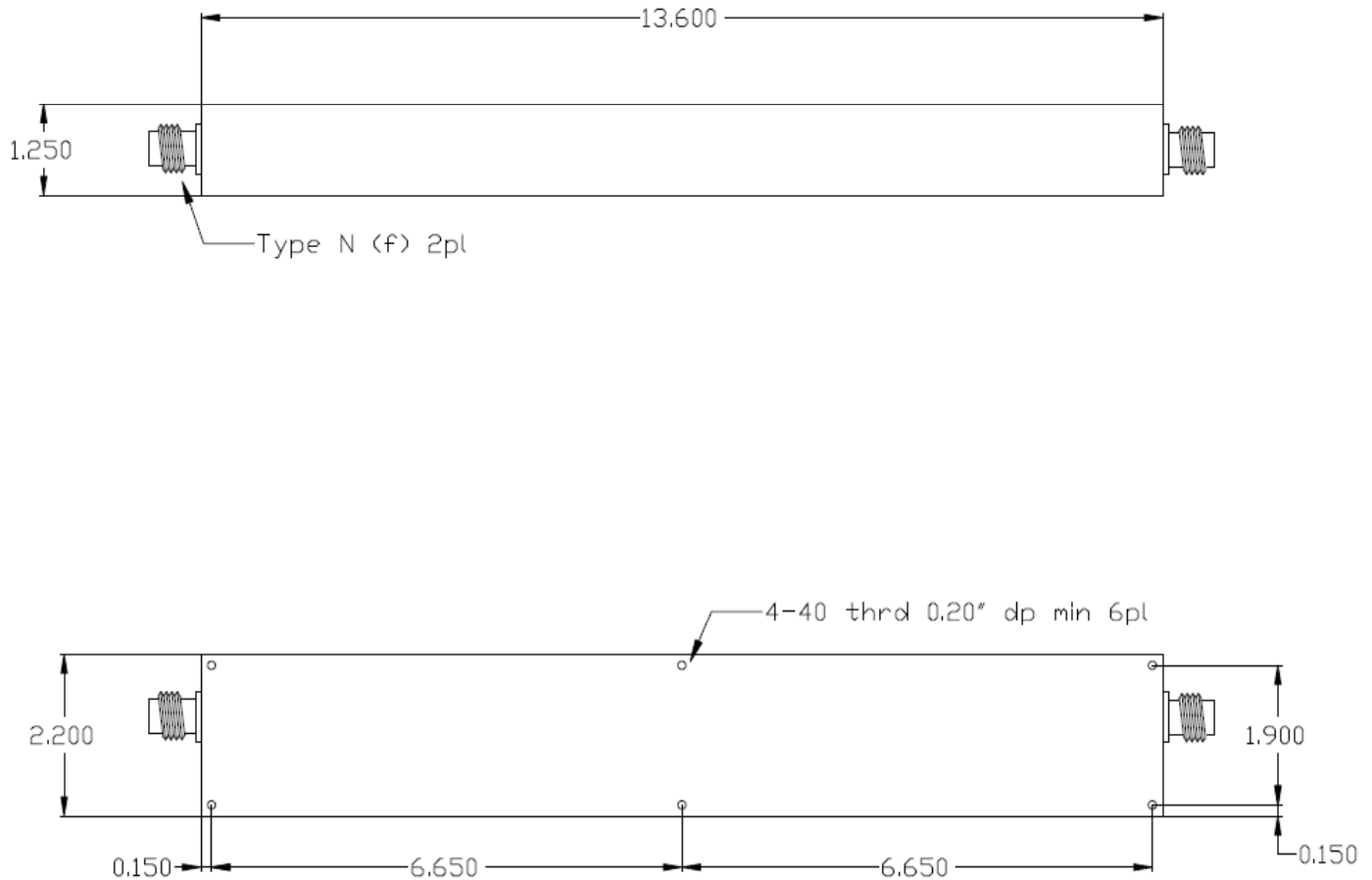
Mechanical

Mounting Method: Threaded Mounting Holes
Connector Type: N-Type (F)
Dimensions: 13.6" x 2.2" x 1.25"

Environmental

Operating Temperature: -45 to +85 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

1845 MHz Cavity Bandpass Filter

Part Number: AE1845B9998



Response Plot:

A3478.lad

DEC 5, 2007

Attenuation/Return Loss

