



Electrical specifications

Center Frequency: 8400 MHz
Pass Band: 8100 – 8700 MHz
Insertion Loss: 2.0 dB Max
Return Loss: 15 dB Min
Rejection: 10 dB min @ 8000 MHz
Rejection: 10 dB min @ 9000 MHz
Power Handling: 30W
Impedance: 50 Ω

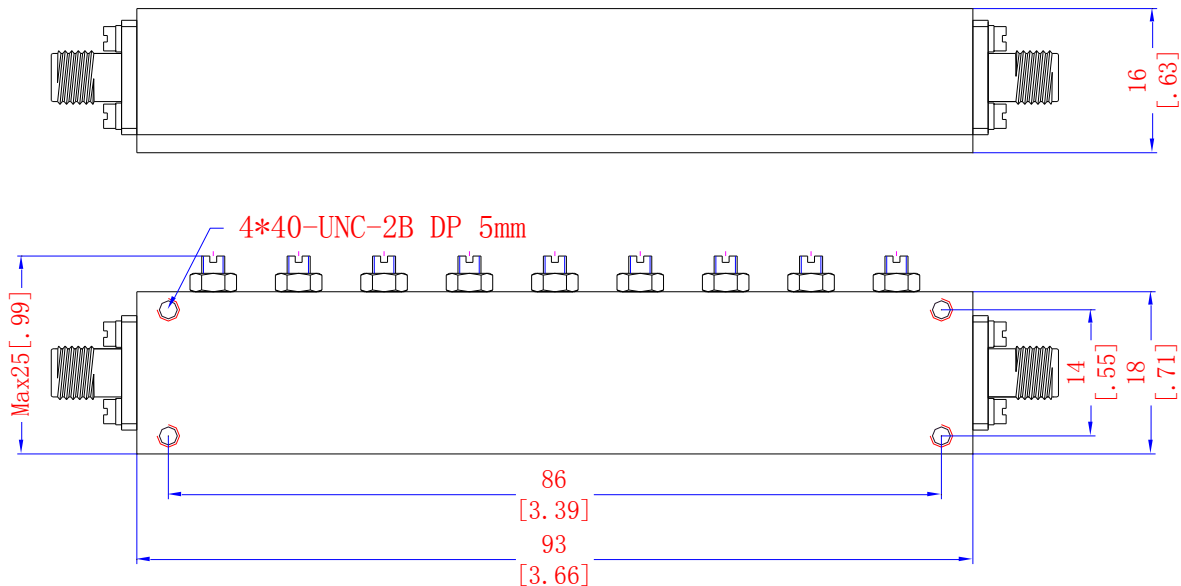
Mechanical

Connector Type: SMA Female
Mounting: 4-40 Threaded Mounting Hole
Dimensions With Mounting: 3.66 x 0.99 x 0.63 in

Environmental

Operating Temperature: -20 to +70° C
Storage Temperature: -55 to +85° C
Shock: 20G for 11ms half sine wave, 3 axis both directions
Vibration: 20 G. 5 to 200 MHz

Outline Drawing:





ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

8400 MHz Cavity Bandpass Filter

Part Number: AE8400B11481



Response Plot:

