



Electrical specifications

Center Frequency: 847 MHz
Bandwidth: 832 - 862 MHz
Insertion Loss: 2.0 dB Max
Ripple: 0.8 dB Max
Rejection: 50 dB min @ DC - 821 MHz
Rejection: 50 dB min @ 873 - 2200 MHz
Return Loss: 15 dB Min
Impedance: 50 Ω
Power Handling: 50W

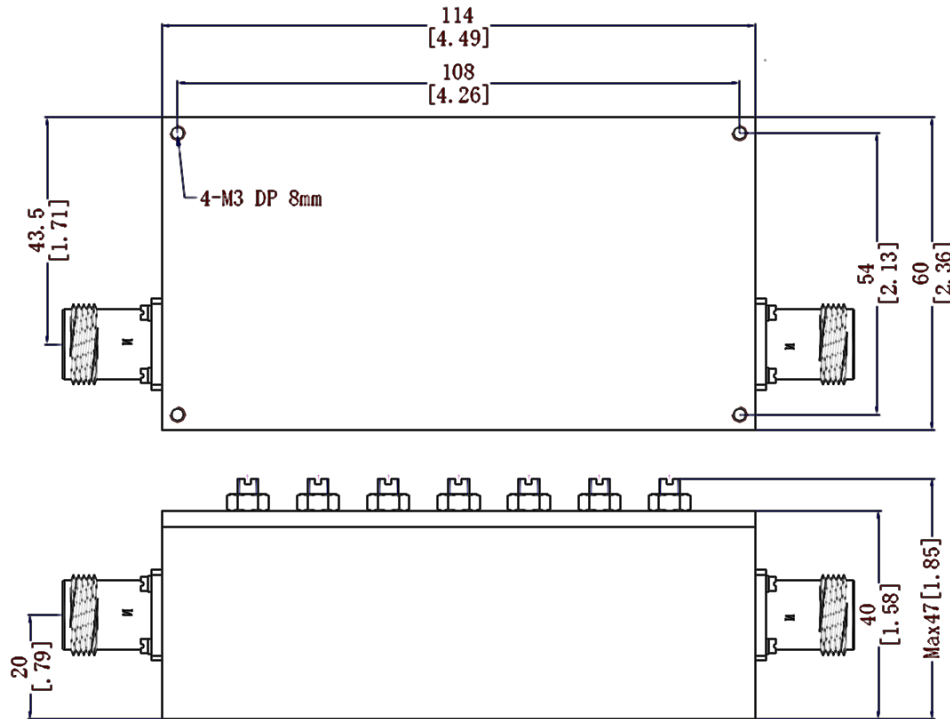
Mechanical

Connector Type: N Type Female
Mounting: M3 Threaded Mounting Hole
Dimensions With Mounting: 4.49 x 2.36 x 1.85 in

Environmental

Operating Temperature: -10 to +50° C
Storage Temperature: -55 to +95° C
Shock: 20G. 11ms half sine wave, 3 axis
Vibration: 20 G. 5 to 200 MHz

Outline Drawing:





847 MHz Cavity Bandpass Filter

Part Number: AE847B11457



Response plot:

