



4500 MHz Cavity Bandpass Filter

Part Number: AE4500B11856



Electrical specifications

Center Frequency: 4500 MHz

Pass Band: 4400-4600 MHz

Insertion loss: 0.8 dB Max

Return loss: 15 dB Min

Rejection: $\geq 70\text{dB}@F_c \pm 300\text{ MHz}$

Power Handling: 2 W CW max

Mechanical

Mounting Method: 4-40 Threaded Mounting Holes

Connector Type: Removable SMA Female

Dimensions: 97 x 51 x 25 mm

Environmental

Operating Temperature: -30 to +70°C

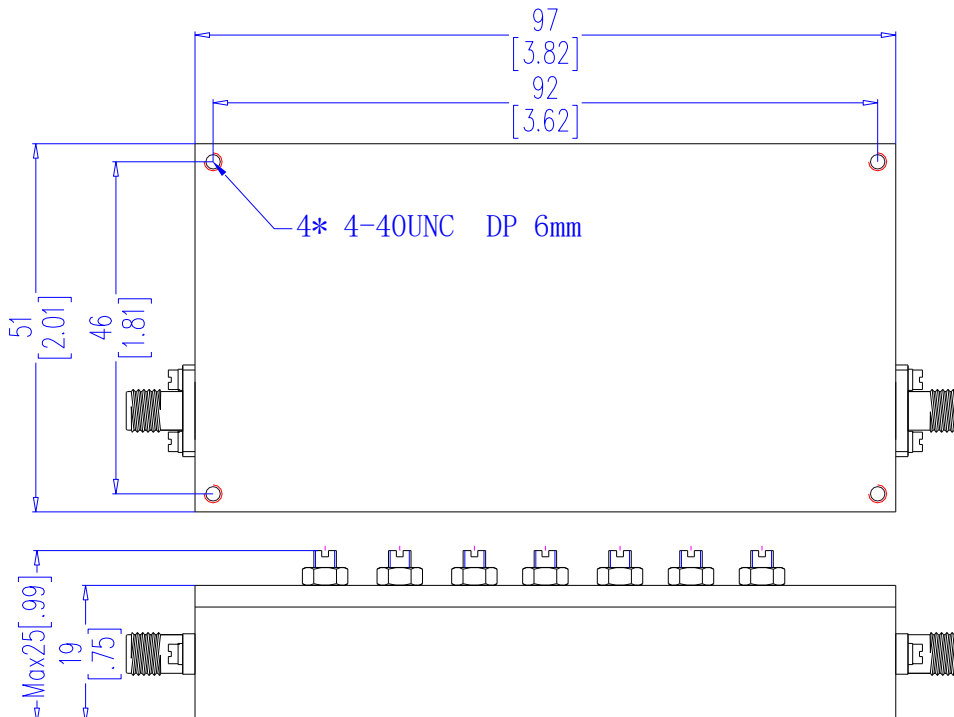
Storage Temperature: -55 to +95°C

Shock: 20 G. 11ms

Vibration: 20 G. 5 to 200 Hz

Drop test: 2 feet

Outline Drawing:





Simulation plot

