



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

4900 MHz Cavity Bandpass Filter

Part Number: AE4900B11855



Electrical specifications

Center Frequency: 4900 MHz

Pass Band: 4800-5000 MHz

Insertion loss: 0.6 dB Max

Ripple : ± 0.3 dB

Return loss: 15 dB Min

Rejection: ≥ 55 dB@ $F_c \pm 300$ MHz

Power Handling: 40 W max

Mechanical

Mounting Method: 4-40 Threaded Mounting Holes

Connector Type: Removable SMA Female

Dimensions: 74 x 51 x 25 mm

Environmental

Operating Temperature: -30 to +70°C

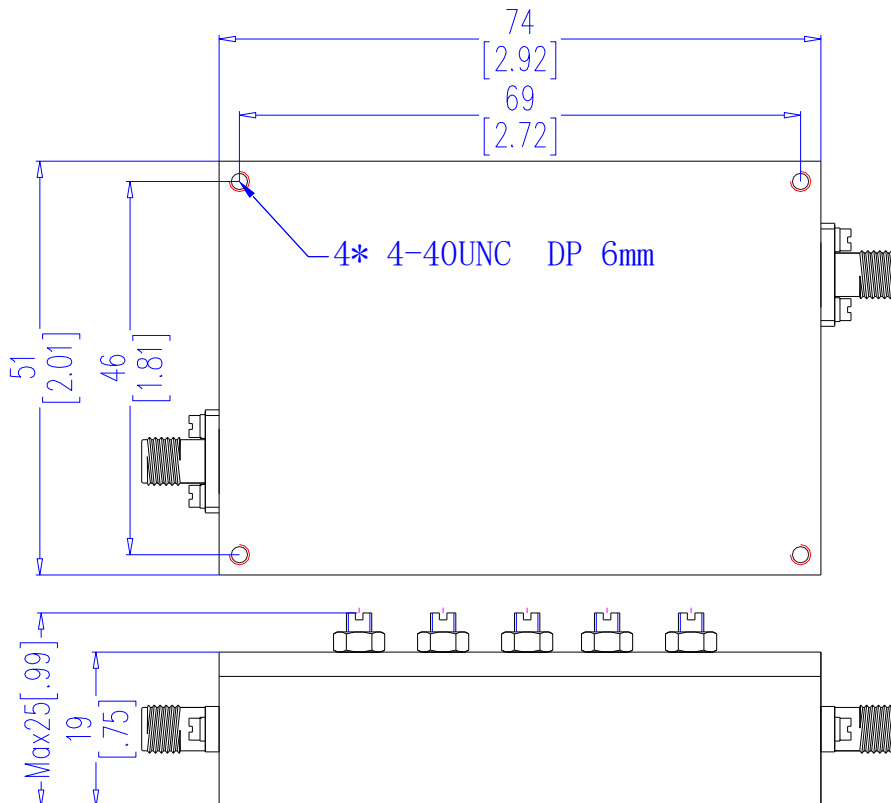
Storage Temperature: -55 to +95°C

Shock: 20 G. 11ms

Vibration: 20 G. 5 to 200 Hz

Drop test: 2 feet

Outline Drawing:





Simulation plot

