



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

3800 MHz Cavity Bandpass

Part Number: AE3800B11741



Electrical specifications

Center Frequency: 3800 MHz

Bandwidth: 50 MHz Min

Passband: 3775 – 3825 MHz

Insertion Loss: 1.00 dB Max

Return Loss: 15 dB Min

Rejection: 50 dB Min @ 3725 MHz

Rejection: 50 dB Min @ 3875 MHz

Input / Output Impedance: 50 Ohms

Power Handling: 25 Watt

Mechanical

Mounting Method: 4-40 Threaded Holes

Connector Type: SMA (F)

Dimensions (in): 2.92 x 2.01 x 0.79

Dimensions (mm): 74 x 51 x 20

Environmental

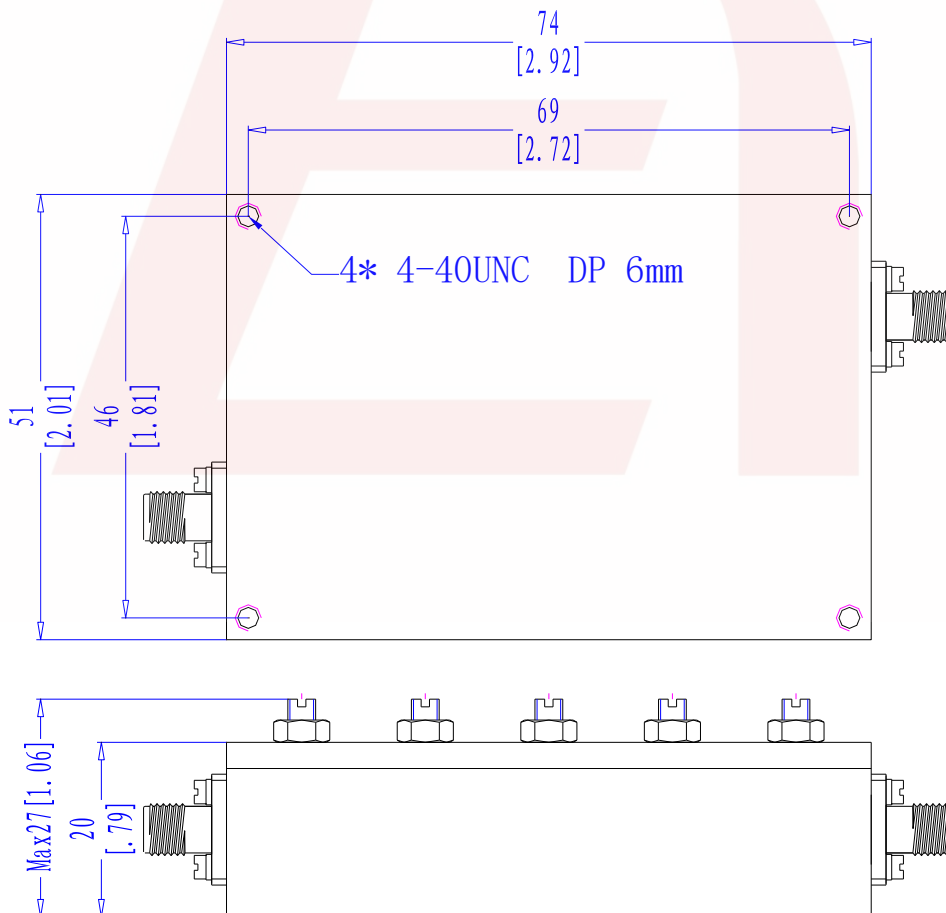
Operating Temperature: -25 to +35 deg.C

Storage Temperature: -55 to +95 deg.C

Shock: 20 G. 11ms

Vibration: 20 G. 5 to 200 MHz

Outline Drawing:





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Simulated Response Plot:

