



# 5690-6000 MHz Cavity Band Pass Filter

Part Number: AE5845B11694



**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

## Electrical Specifications

**Center Frequency:** 5845 MHz  
**Bandwidth:** 310 MHz  
**Passband Frequency (PB):** 5690-6000 MHz  
**Insertion Loss :** 0.5 dB Max  
**Ripple:** 0.5 dB Max.  
**Return Loss :** 15 dB Min.  
**Rejection1:** 60 dB Min. @ 4815 MHz  
**Rejection2:** 60 dB Min. @ 7095 MHz  
**Power Handling:** 75 W  
**Input / output Impedance:** 50 Ohms

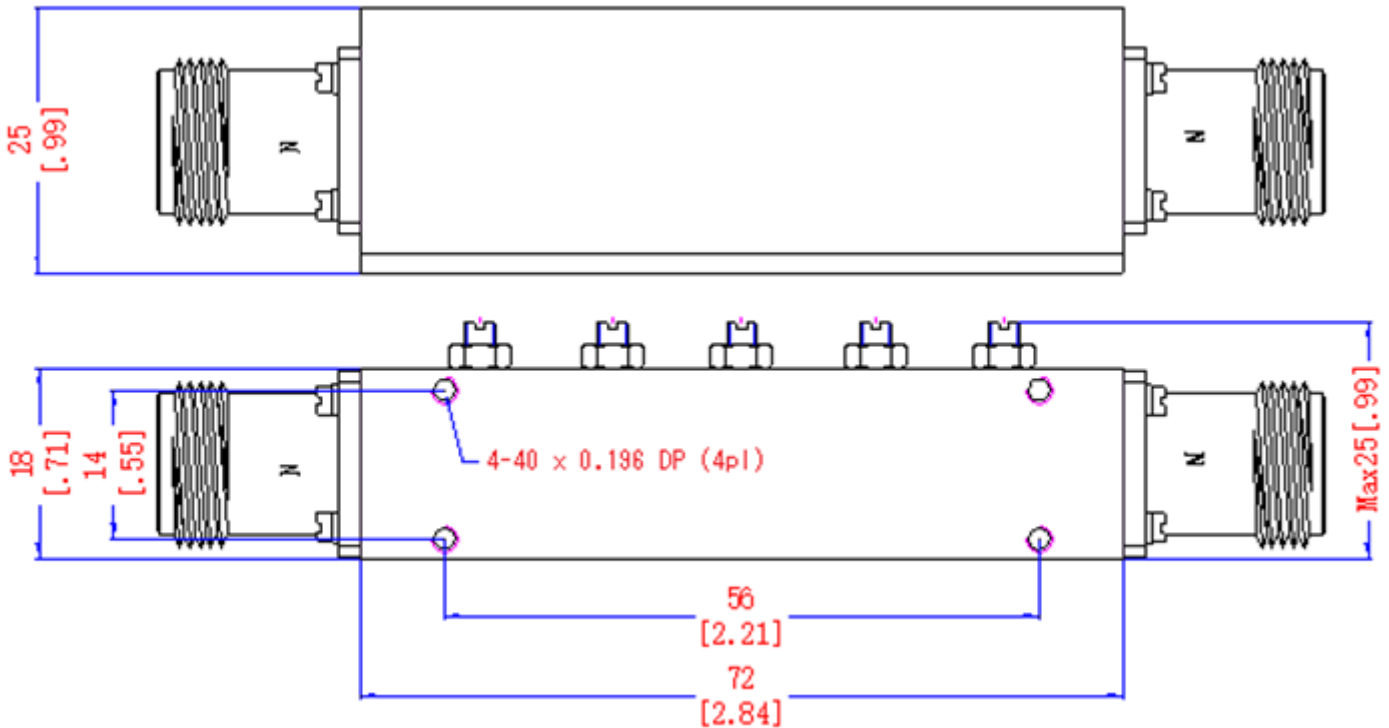
## Mechanical

**Mounting Method:** Threaded Holes  
**Connector Type:** N-type(F)  
**Dimensions:** 2.84 x 0.71 x 0.99 in.

## Environmental

**Operating Temperature:** -20°C to +50°C  
**Storage Temperature:** -40°C to +70 °C  
**Shock:** 20G. 11ms  
**Vibration:** 20G 0.5 to 200 Hz

## Outline Drawing:



2 decimal places: +/-0.01 inches [+/- 0.3mm]  
3 decimal places: +/- 0.005 inches [+/- 0.13mm]  
Angles: +/- 1 Deg.

When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.