



# 6.75 GHz Cavity Bandpass Filter



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

**Part Number: AB6750B718**

## Electrical specifications

- Center frequency(Fo):** 6.75 GHz
- Passband:** 6.30-7.20 GHz
- Passband Insertion loss:** 1.5 dB max
- Passband return loss:** 15 dB min
- Rejection 1:** 3 dB BW +/-500 MHz max
- Rejection 2:** 10 dB BW +/-600 MHz max
- Rejection 3:** 10 dB BW +/-900 MHz max
- Rejection 4:** 60 dB BW +/-1500 MHz max

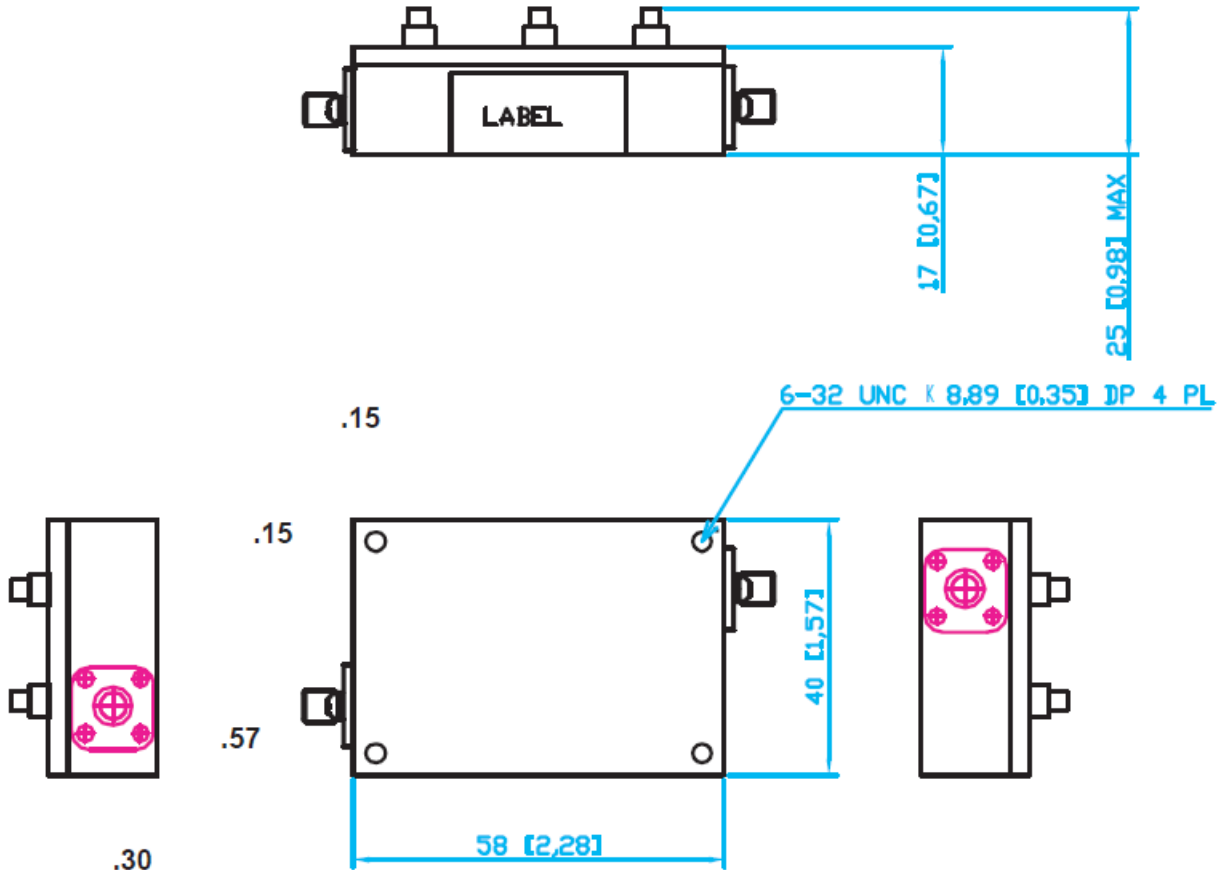
## Mechanical

- Mounting Method:** Threaded Mounting Holes
- Connector Type:** SMA Female
- Dimensions:** 2.28" X 1.57" X 0.98" in

## Environmental

- Operating Temperature:** -45 to +85° C
- Storage Temperature:** -55 to +95° C
- Shock:** 20 G. 11ms
- Vibration:** 20 G. 5 to 200 MHz

## Outline Drawing:





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Plot:

