



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

## 2340 MHz Cavity Bandpass Filter

Part Number: AE2340B8918



### Electrical specifications

**Center Frequency:** 2340 MHz  
**Insertion loss:** <1.0 dB@2340 MHz  
**Passband:** 30 MHz min  
**Ripple:** <0.1 dB  
**Return loss over passband:** >14 dB  
**Rejection 1:** >70 dB@0-1 GHz  
**Rejection 2:** >70 dB@4100-6000 MHz

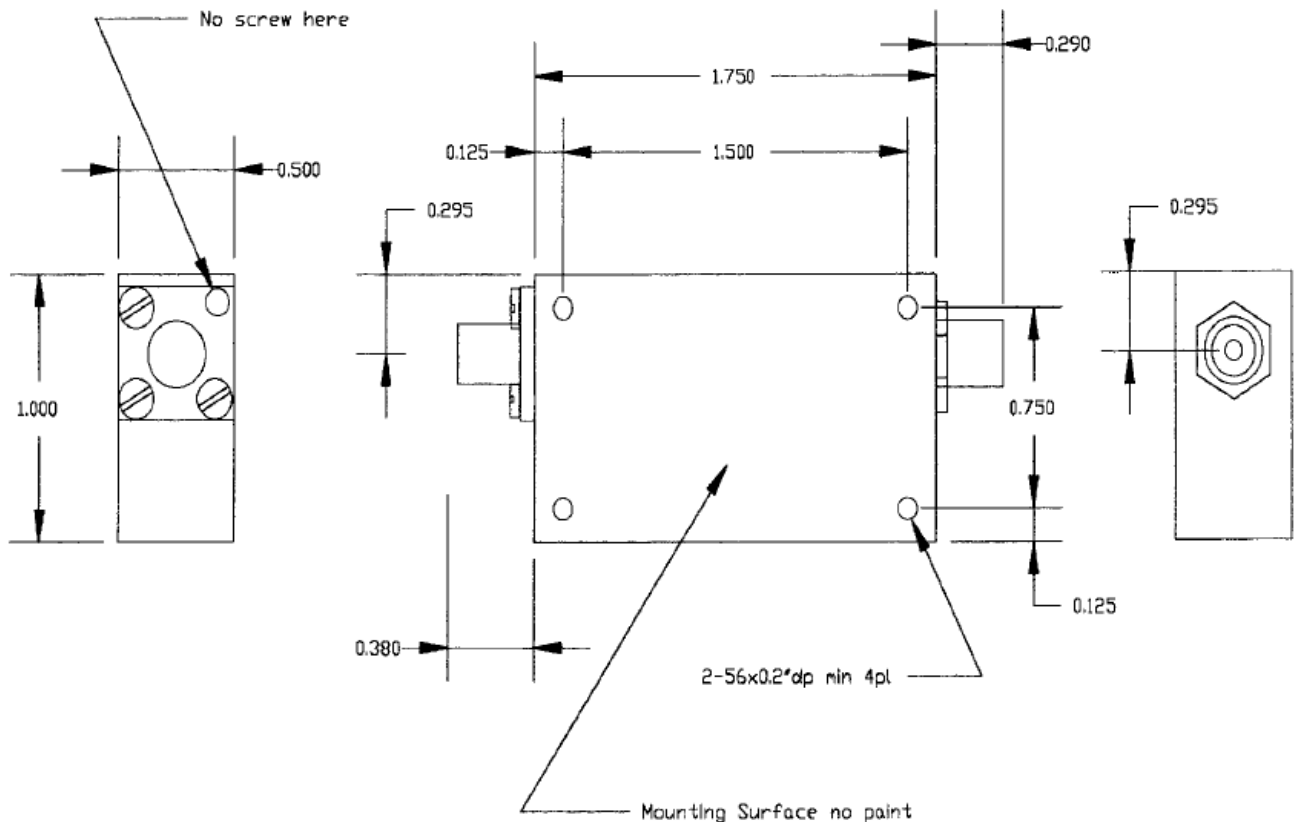
### Mechanical

**Mounting Method:** Threaded Mounting Holes  
**Connector Type:** SMA Female, SMA Male  
**Dimensions:** 1.75" x 1.00" x 0.50" 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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### Plots:

