



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

# 4700 MHz Cavity Bandpass Filter

**Part Number: AE4700B6588**



## Electrical Specifications

**Center Frequency:** 4700 MHz  
**0.7dB Passband:** 4400 MHz to 5000 MHz  
**Return Loss:** 14dB Min @ 4400 MHz to 5000 MHz  
**Insertion Loss:** 0.4dB Max. @ 4700 MHz  
**Impedance:** 50 Ohms  
**Rejection:** 30 dB Min. @ 3900 MHz  
**Rejection:** 30 dB Min. @ 5500 MHz

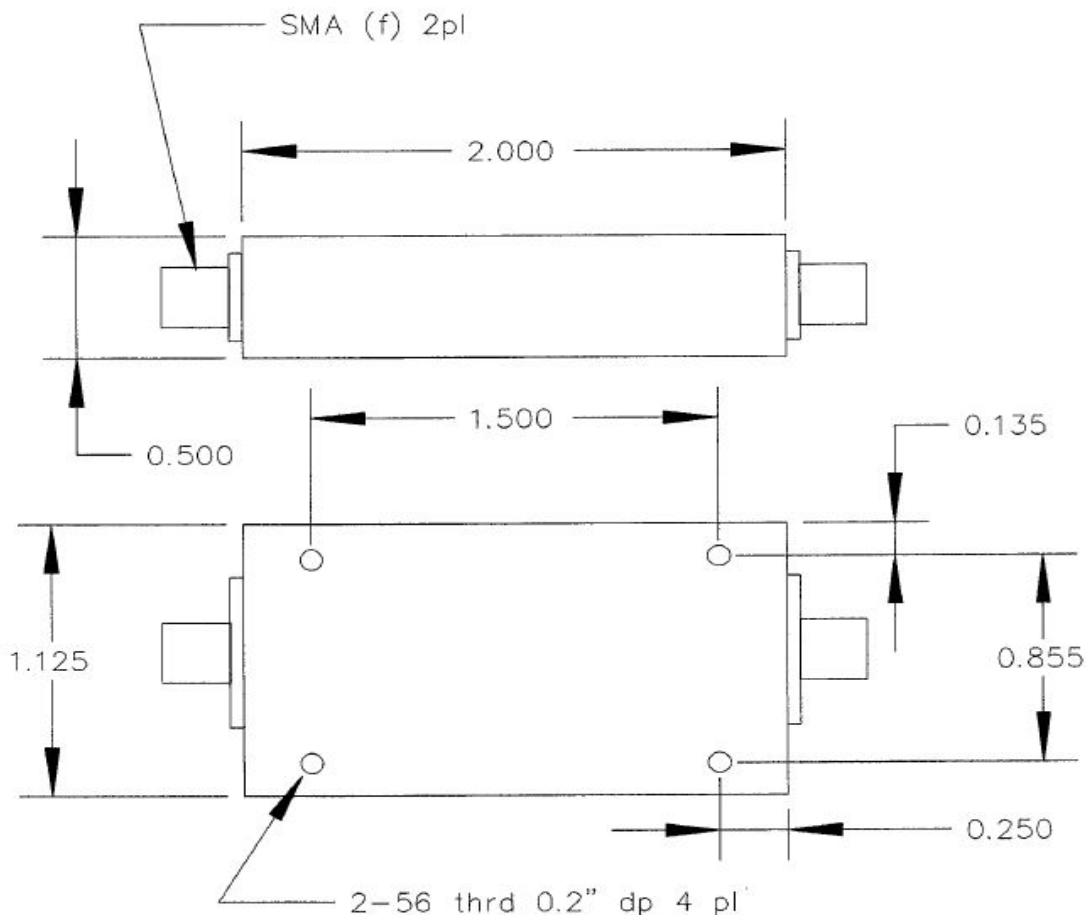
## Mechanical

**Mounting Method:** Threaded Mounting Holes  
**Connector Type:** SMA(Female)  
**Dimensions:** 2.0" X 1.25" x 0.5" in.

## Environmental

**Operating Temperature:** -25°C to +70°C  
**Storage Temperature:** -40°C to +90°C  
**Shock:** 20 G. 11ms  
**Vibration:** 20 G. 5 to 200Hz

## Outline Drawing:





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## Response Plot:

