



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

# 15353 MHz Cavity Band Pass Filter

**Part Number: AE15353B5685**



## Electrical Specifications

**Center Frequency:** 15353 MHz  
**3.0dB Bandwidth:** 400 MHz  
**Insertion Loss:** 3.0 dB Max.  
**Return Loss:** 14 dB Min.  
**Rejection1:**  $\geq 50$  dB @ 14600 MHz  
**Rejection2:**  $\geq 50$  dB @ 16200 MHz

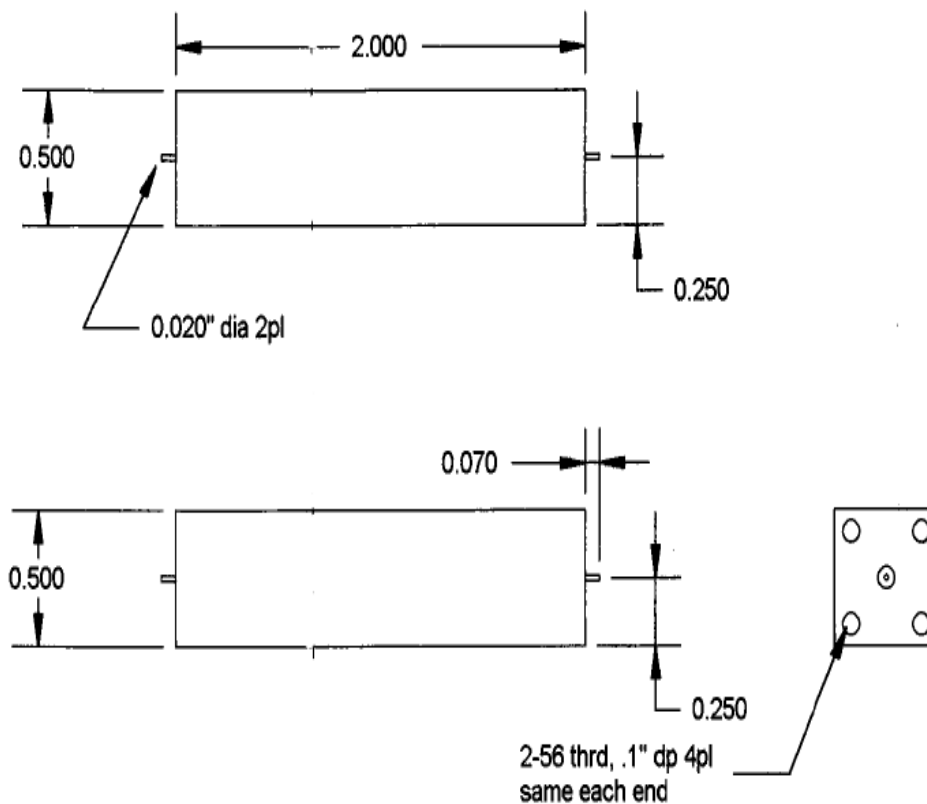
## Mechanical

**Mounting Method:** Threaded through Holes  
**Connector Type:** Drop-In  
**Dimensions:** 2.0" X 0.5" x 0.5" .

## 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:



2 decimal places:  $\pm 0.01$  inches [ $\pm 0.3$ mm]  
3 decimal places:  $\pm 0.005$  inches [ $\pm 0.13$ mm]  
Angles:  $\pm 1$  Deg.

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

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