



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

# 462 MHz LC Band Pass Filter

Part Number: AE462B9020



## Electrical Specifications

**Center Frequency:** 462 MHz  
**Passband:** 454–470 MHz  
**Insertion Loss @ 462MHz:** 4.5 dB Max.  
**Return Loss @ 457–467 MHz :** 14 dB Min.  
**Rejection:** 60dB Min @ 0-432 MHz  
**Rejection:** 45dB Min @ 492-1000 MHz  
**Impedance:** 50 Ohms In/Out

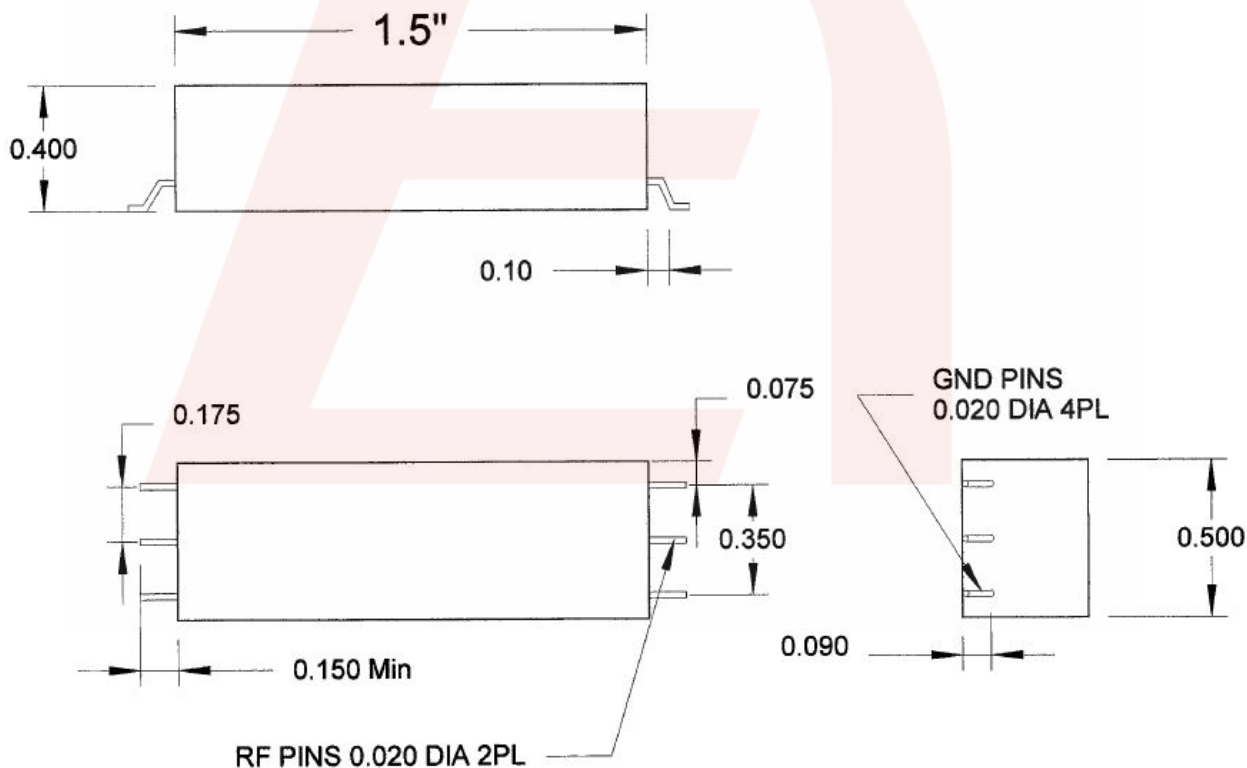
## Mechanical

**Connector Type:** SMT  
**Dimensions:** 1.5 X 0.5 x 0.4 in

## Environmental

**Operating Temperature:** -25°C to +70°C  
**Storage Temperature:** -55°C to +90°C  
**Shock:** 10 G. 11ms  
**Vibration:** 10 G. 5 to 2000Hz

## Outline Drawing:



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

DS-B9020-06272024-Rev0

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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**Response Plot:**

