



### Electrical Specifications

**Center Frequency:** 401 MHz  
**Bandwidth:** 12 MHz  
**Passband :** 395 MHz to 407 MHz  
**Insertion Loss:**  $\leq 4.5\text{dB}$  @ 401 MHz  
**Return Loss:**  $>14\text{dB}$  @ 401MHz  
**Rejection:**  $>50\text{dB}$  @ 0-370 MHz  
**Rejection2:**  $>40\text{dB}$  @ 435 MHz to 1000 MHz  
**Impedance:** 50 Ohms

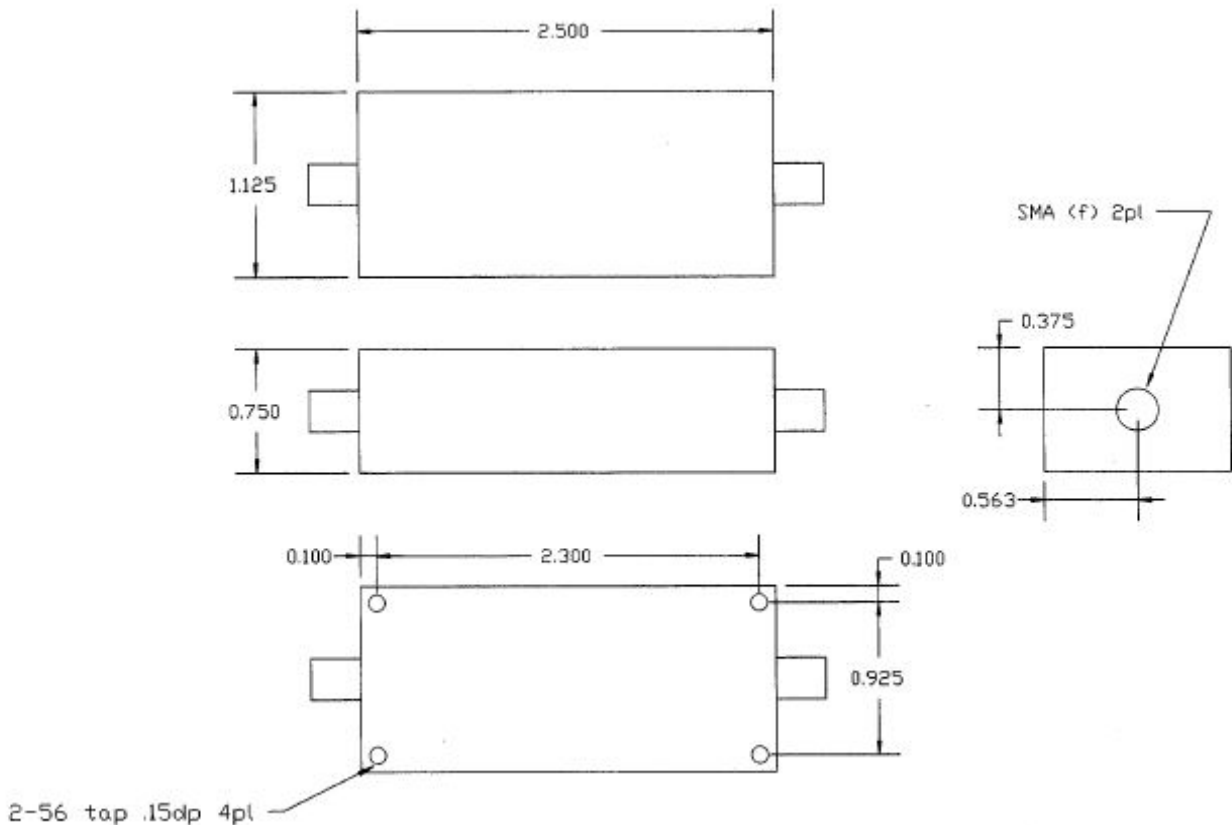
### Mechanical

**Connector Type:** SMA  
**Dimensions:** 2.5" x 1.125" x 0.75" in.

### Environmental

**Operating Temperature:**  $-25^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$   
**Storage Temperature:**  $-40^{\circ}\text{C}$  to  $+90^{\circ}\text{C}$   
**Shock:** 10 G. 11ms  
**Vibration:** 10 G. 5 to 200Hz

### Outline Drawing:





**Response Plot:**

19 Jun 2007 07:45:35

CH1 S<sub>11</sub> log MAG 5 dB/ REF 0 dB 1 -16.059 dB  
 CH2 S<sub>21</sub> log MAG 3.5 dB/ REF 0 dB 1 -3.0925 dB

