



### Electrical specifications

**Cutoff Frequency (Fc):** 400 MHz  
**Passband:** 225-400 MHz  
**Return loss:** >15dB @ Passband  
**Rejection:** >60dB from 1100 to 1600 MHz Min.  
**Power Handling:** 150 Watts peak, 125 watts average  
**Input / Output Impedance:** 50 Ohms

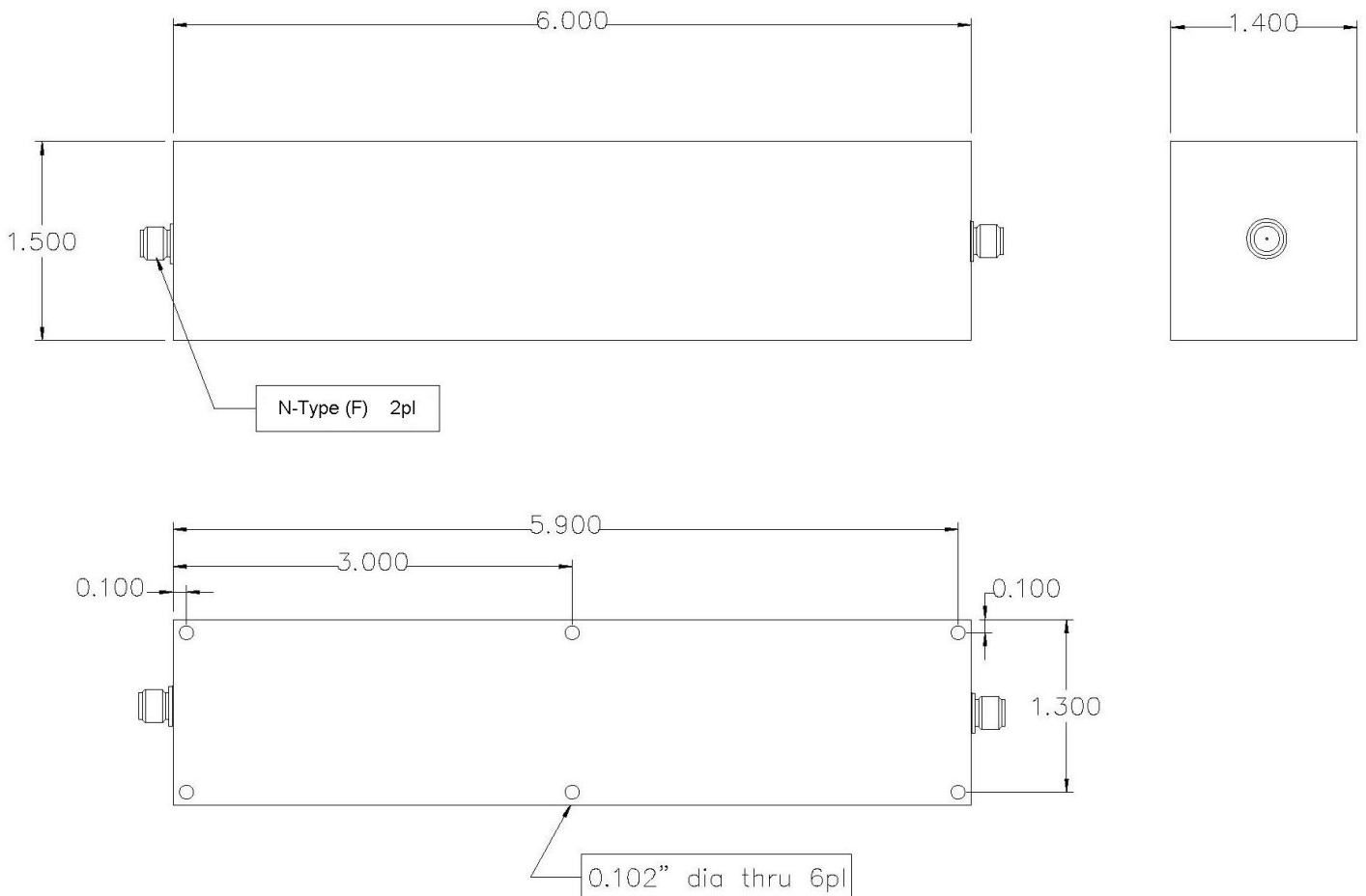
### Mechanical

**Connector Type:** N-Type (F)  
**Dimensions:** 6 x 1.5 x 1.4 inches

### Environmental

MIL-STD-810F  
**Operating Temperature:** -40 to +71 deg.C  
**Storage temperature:** -65 to +95 deg.C  
**Shock:** 20 G's, ½ sine, 11ms  
**Vibration:** 10 G's, 10-2000Hz  
**Relative Humidity:** 0-95%

### Outline Drawing:





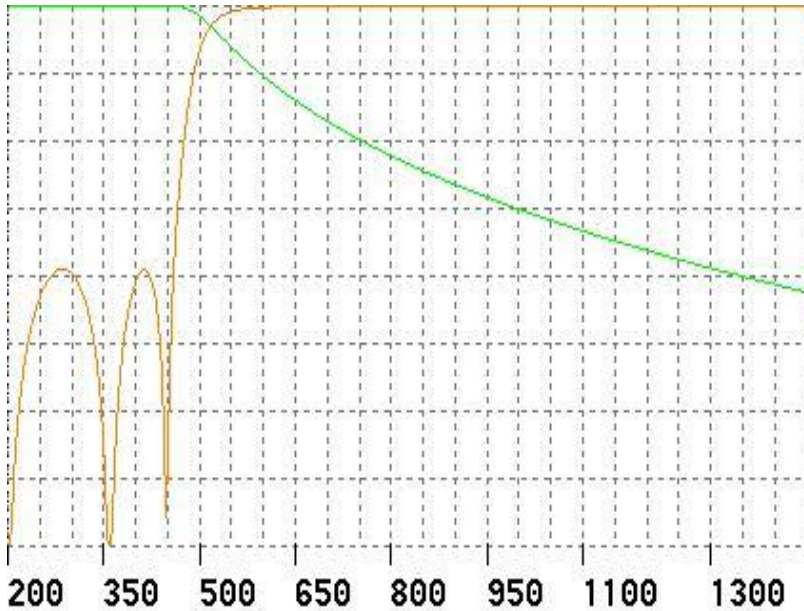
**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

# 400 MHz LC Lowpass Filter

Part Number: AE400L9090



## Response Plot:



From 200 MHz  
To 1463.58 MHz  
Marker = 200.000

Atten. 20.000 dB/div.  
Ref= 0.0763599  
0.076 dB  
0.000 dB (Rel.)  
Rtn. loss 5 dB/div.  
ref= 0  
56.768 dB