



**Electrical specifications**

**Passband 1:** 100-600MHz  
**Passband 2:** 850-2500MHz  
**Insertion Loss over Passband 1:**  $\leq 0.75$ dB  
**Rejection Loss over Passband 2:**  $\leq 0.75$ dB  
**Rejection:** @650-800 < 40dB  
 (goal=640-810MHz 50dB)  
**Power:** 100W

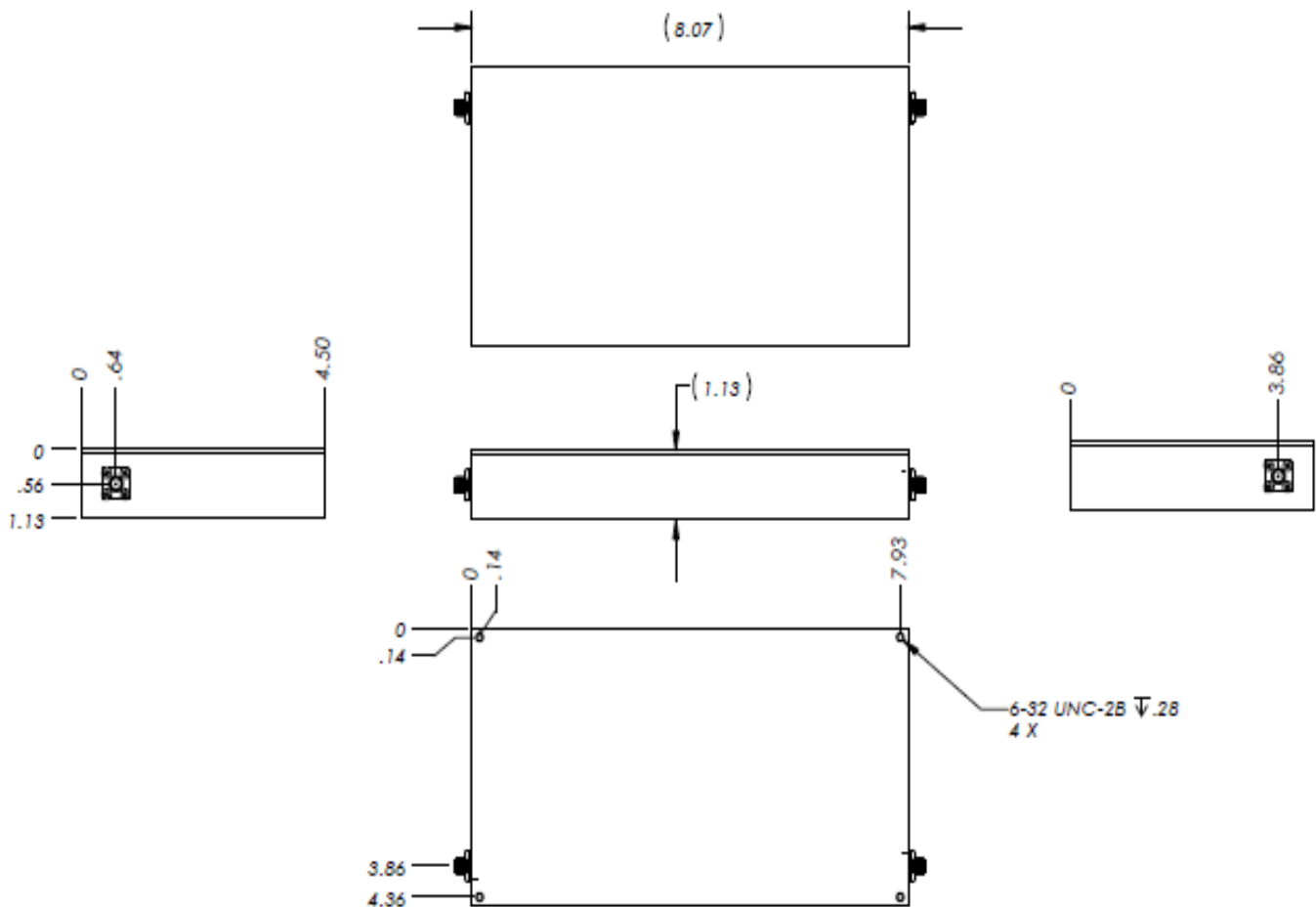
**Mechanical**

**Mounting Method:** 6-32 UNC  
**Connector Type:** N-type(F)/N-Type(M)  
**Dimensions:** 8.07" x 4.50" x 1.13" in.

**Environmental**

**Operating Temperature:** -45°C to +85°C  
**Storage Temperature:** -55°C to +100°C

**Outline Drawing:**





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

**725MHz Cavity Notch filter**  
**Part Number: AE725NS2147**



**Response Plot:**