



# 5785 MHz Cavity Bandpass Filter



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

**Part Number: AB5785B741**

## Electrical specifications

**Passband 1:** 5735-5835 MHz  
**Center frequency (Fo):** 5785 MHz  
**Insertion loss:**  $\leq 2.0$  dB @ Fo  
**Return loss:**  $\geq 10$  dB  
**Rejection:**  $\geq 70$  dB @ 5100-5600 MHz  
**Power handling:** 50 Watts

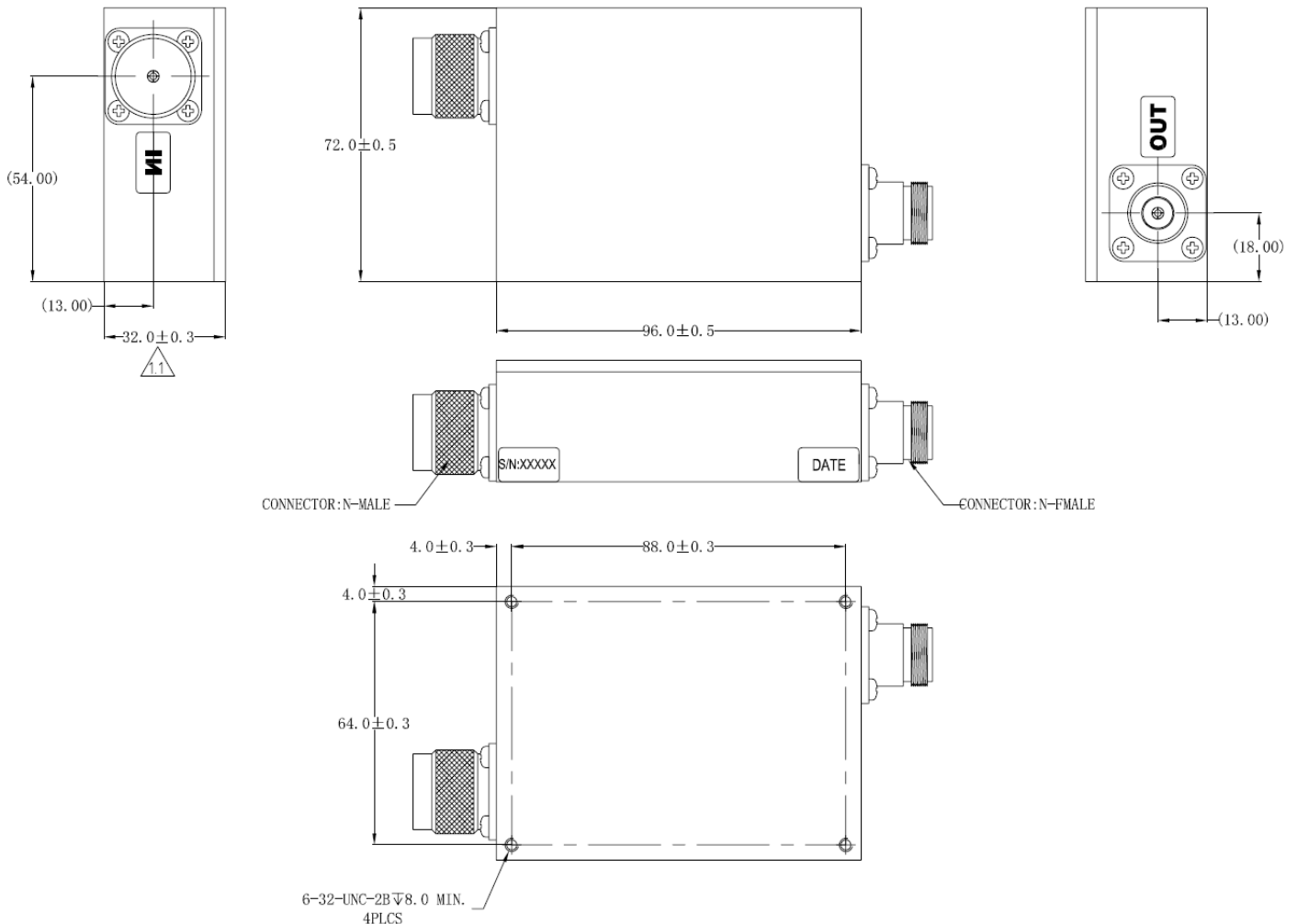
## Mechanical

**Mounting Method:** Threaded Mounting Holes  
**Connector Type:** N Female / N male  
**Dimensions:** 96 X 72 X 32 mm

## Environmental

**Operating Temperature:** -45 to +85° C  
**Storage Temperature:** -55 to +95° C  
**Shock:** 20 G. 11ms  
**Vibration:** 20 G. 5 to 200 MHz

## Outline Drawing:





Plot:

### Simulation:

