



# 2490 MHz E Band Cavity Band Pass Filter

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

**Part Number: AB2490B725**



## Electrical specifications

**Center Frequency:** 2490.5 MHz  
**3dB Bandwidth:** 15 MHz (min)  
**Input / Output Impedance:** 50 Ohms  
**Passband:** 2483-2498 MHz  
**Passband Insertion Loss:** 3.0dB(max)  
**Passband Ripple:** <0.2 dB  
**Passband Return Loss:** 15dB(min)  
**Rejection:** @ 2474 MHz: 20 dBc  
**Rejection 2:** @ 2505 MHz: 20 dBc  
**Power Handling:** 50 W

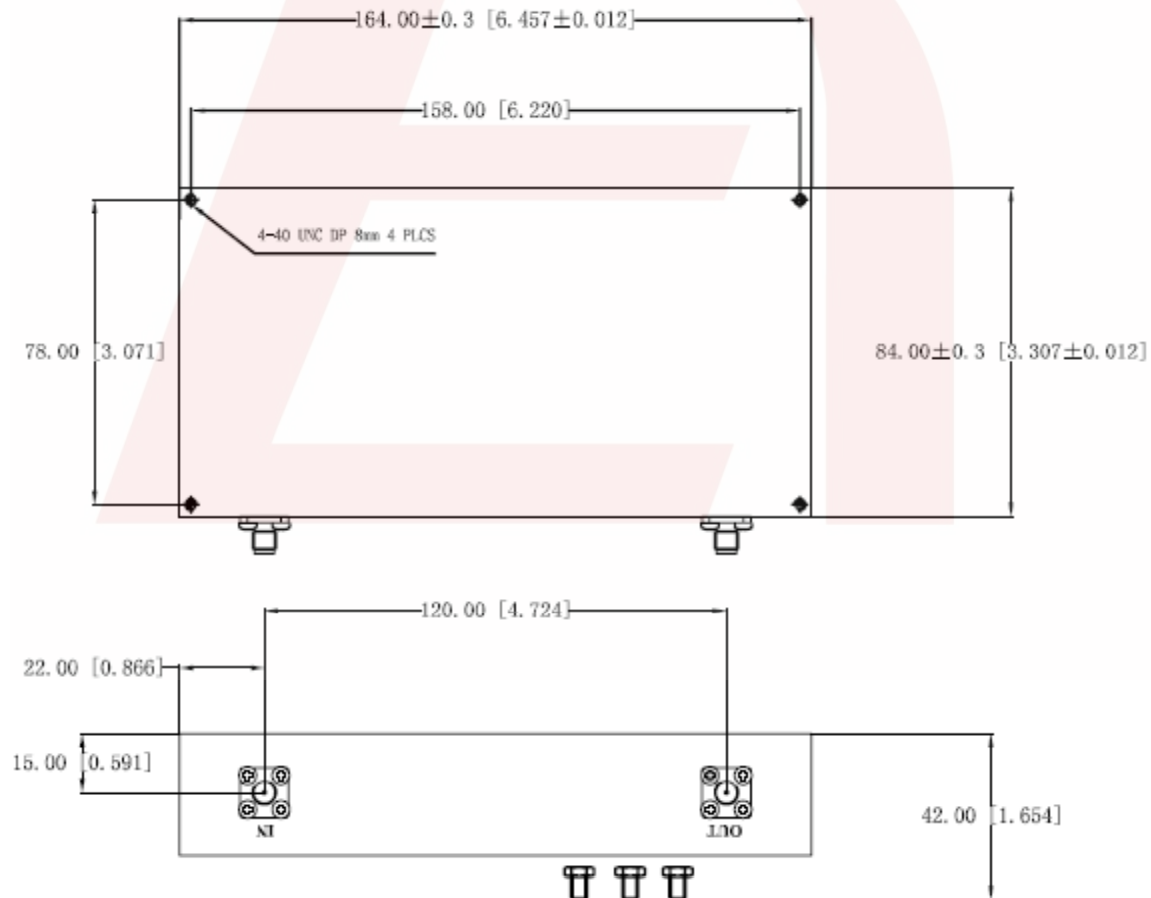
## Mechanical

**Mounting Method:** Threaded Mounting Holes  
**Connector Type:** SMA (F)  
**Dimensions:** 164 x 84 x 42 mm.

## Environmental

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

## Outline Drawing:



DS-B725-03152018-Rev0



### Response Plot:

