



# 1780 MHz Cavity Bandpass Filter

## Part Number: AB1780B912



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

### Electrical specifications

**Operating bandwidth:** 1725-1835 MHz  
**Insertion loss:**  $\approx$  < 1.0 dB  
**Return loss:**  $\approx$  > 18 dB  
**Rejection:** > 43 dB @ 1865~2000 MHz  
**Power handling:** 1200 mW  
**IMD:** -90 dBm @ 2x43 dBm

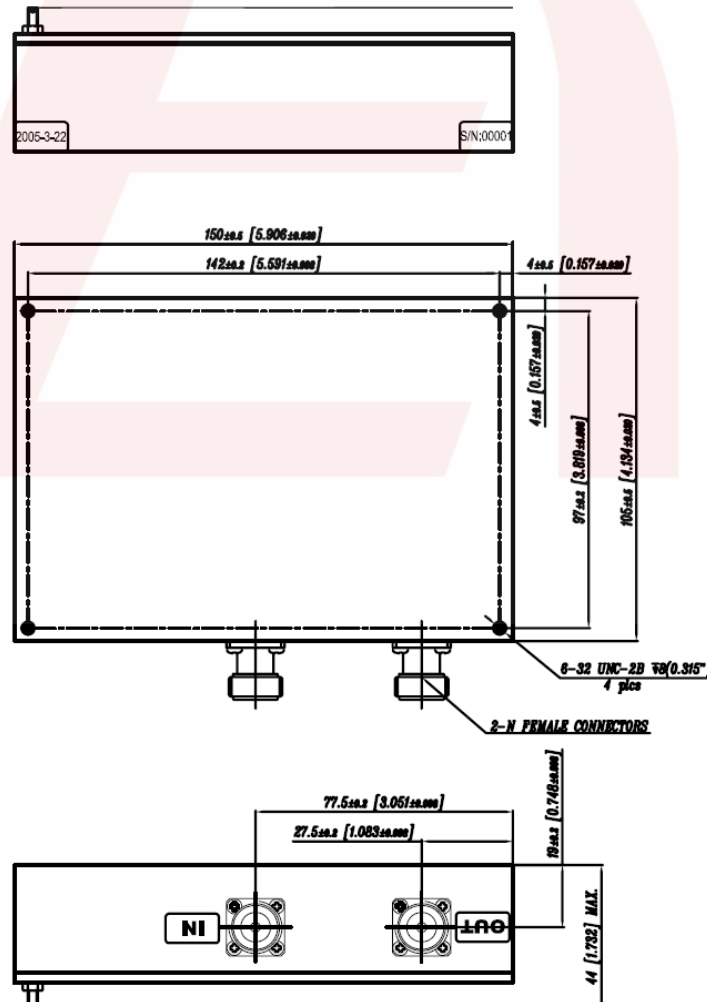
### Mechanical

**Mounting Method:** Threaded Mounting Holes  
**Connector Type:** N-Type Female  
**Dimensions:** 5.90" x 4.13" x 1.73" in

### 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:





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Plot:

