



# 2120 MHz Cavity Bandpass Filter



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

**Part Number: AB2120B919**

## Electrical specifications

- Center Frequency:** 2120 MHz
- 3 dB bandwidth:** 2110-2130 MHz
- Insertion loss:**  $\leq 3$  dB (-2 dB typ)
- Passband ripple:**  $\leq 0.25$  dB
- Return loss:**  $\geq 15$  dB (-18 dB typ)
- Out of band rejection 1:** 50 dB@2080 MHz
- Out of band rejection 2:** 50dB@2160 MHz
- Harmonic rejection:**  $> 90$  dBc
- Impedance:** 50 Ohm
- Power Handling:** 50 Watts

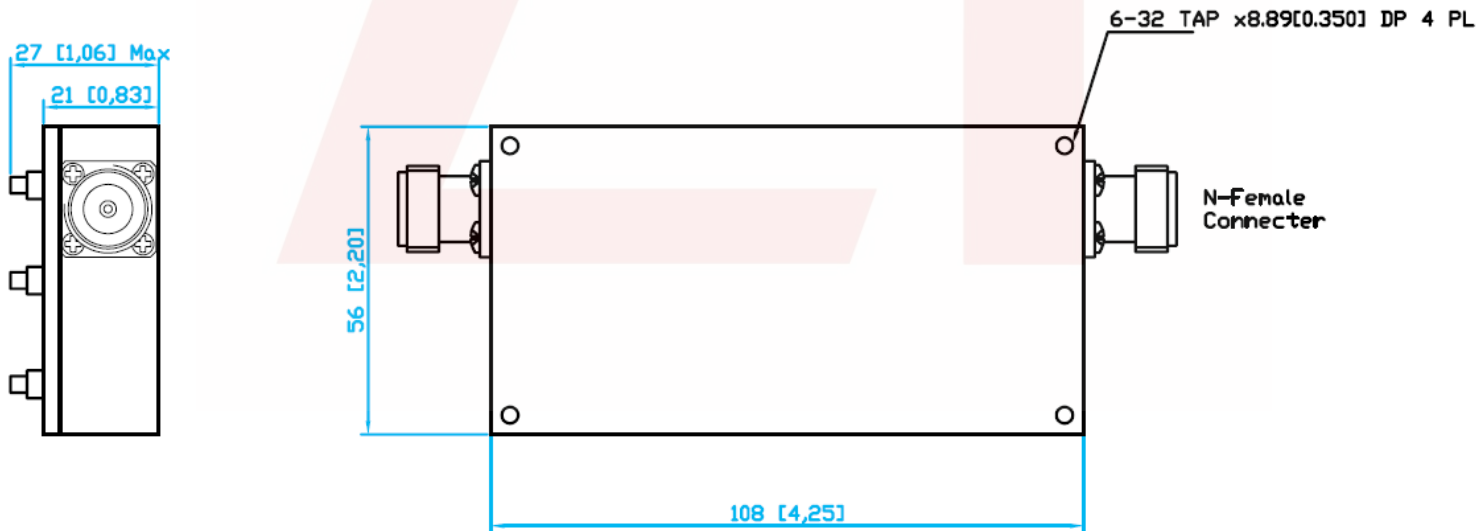
## Mechanical

- Mounting Method:** Threaded Mounting Holes
- Connector Type:** N-Type Female
- Dimensions:** 4.25" X 2.20" X 1.06" in

## Environmental

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

## Outline Drawing:



DS-B919-03152018-Rev0