



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

# 2480 MHz Waveguide Band Stop Filter

**Part Number: AE2480WN2242-NF**



## Electrical Specifications

**Stop Band Frequency:** 2.4~2.48GHz

**Stop Band Attenuation:**  $\geq 30$ dB

**Pass Band Frequency:**

DC~2.345GHz & 2.535~6.0GHz

**Pass Band Insertion Loss:**  $\leq 1.5$ dB

**Pass Band VSWR:**  $\leq 1.5:1$

**Impedance:** 50 Ohms

**Power Handling:**  $\leq 50$ W

## Mechanical

**Mounting Method:** Thru Holes

**Connector Type:** N-Type (F)

**Dimensions:** 124 x 50 x 22 mm

## Environmental

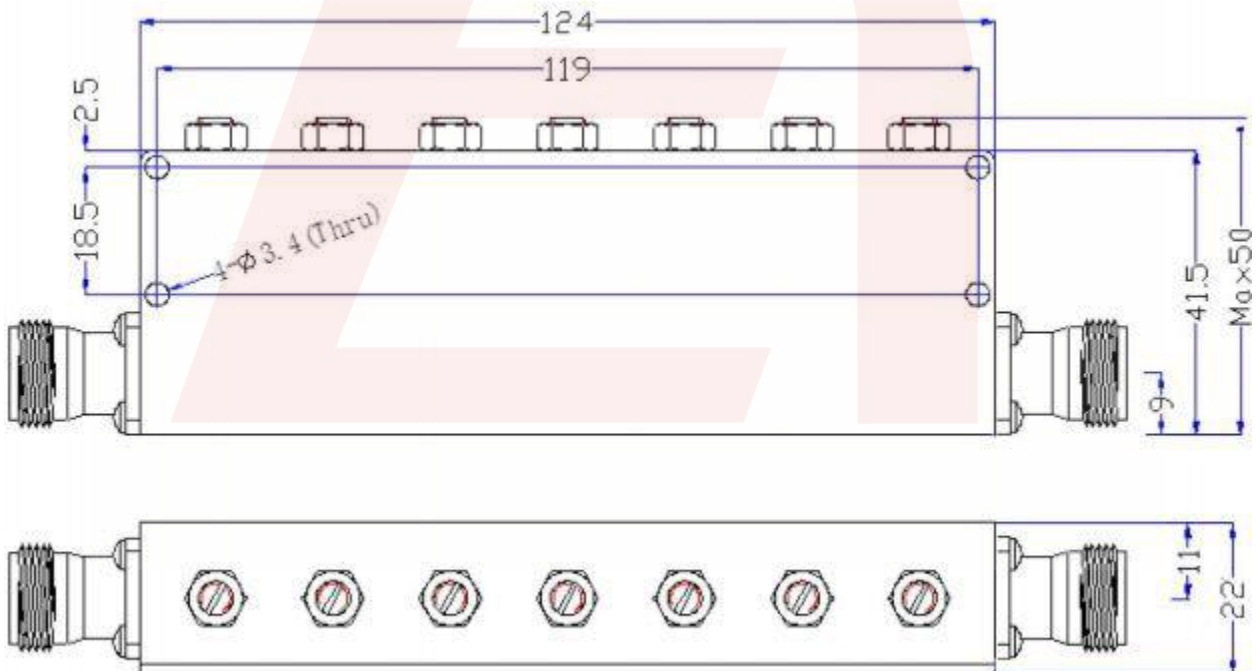
**Operating Temperature:**  $-45^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$

**Storage Temperature:**  $-55^{\circ}\text{C}$  to  $+95^{\circ}\text{C}$

**Shock:** 20 G. 11ms

**Vibration:** 20 G. 5 to 200 Hz

## Outline Drawing:



DS-WN2242-NF-05142024-Rev0