



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

# 1842 MHz Waveguide Band stop Filter

**Part Number: AE1842WN2234**



## Electrical Specifications

**Stop Band Frequency:** 1805~1880MHz

**Stop Band Attenuation:**  $\geq 50$ dB

**Pass Band Frequency:**

DC~1780MHz & 1905~5000MHz

**Pass Band Insertion Loss:**  $\leq 2.0$ dB

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

**Impedance:** 50 Ohms

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

## Mechanical

**Mounting Method:** Thru Holes

**Connector Type:** N-Male / N-Female

**Dimensions:** 225 x 48.5 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:

