



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

# 5887 MHz Waveguide Band Stop Filter

**Part Number: AE5887WN2284**



## Electrical Specifications

**Stop Band Frequency:** 5850~5925MHz

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

**Pass Band Frequency:**

DC~5800MHz & 5975~8000MHz

**Pass Band Insertion Loss:**  $\leq 2.5$ dB

**Pass Band VSWR:**  $\leq 1.7:1$

**Impedance:** 50 Ohms

**Power Handling:**  $\leq 30$ W

## Mechanical

**Mounting Method:** Thru Holes

**Connector Type:** SMA-Female

**Dimensions:** 141 x 25 x 16 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:

