



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

# 5250 MHz Waveguide Band stop Filter

**Part Number: AE5250WN2255**



## Electrical Specifications

**Stop Band Frequency:** 5150~5350 MHz

**Stop Band Attenuation:**  $\geq 45$ dB

**Pass Band Frequency:**

DC~5100MHz & 5400~8000MHz

**Pass Band Insertion Loss:**  $\leq 3.0$ dB

**Pass Band VSWR:**  $\leq 1.8:1$

**Impedance:** 50 Ohms

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

## Mechanical

**Mounting Method:** Thru Holes

**Connector Type:** SMA-Female

**Dimensions:** 133 x 29 x 11 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:

