



# 28800 MHz Waveguide Bandpass Filter

Part Number: AE28800WB11559



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

## Electrical Specifications

- Center Frequency:** 28800 MHz
- Bandwidth:** 0.5GHz (28.55~29.05GHz)
- Pass Band Insertion:**  $\leq 2.0$ dB
- Pass Band VSWR:**  $\leq 1.6:1$
- Stop Band Attenuation:**  
 $\geq 50$ dB @  $F_0 \pm 1.0$ GHz  
(27.8GHz, 29.8GHz)
- Impedance:** 50 Ohms
- Power Handling:**  $\leq 10$ W

## Mechanical

- Mounting Method:** Through Holes
- Connector Type:** 2.92mm-Female
- Dimensions:** 87 x 17 x 8.5 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:

