



# 35200 MHz Waveguide Bandpass Filter

Part Number: AE35200WB11561



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

## Electrical Specifications

**Center Frequency:** 35.2GHz  
**Bandwidth:** 0.5GHz (34.95~35.45GHz)  
**Pass Band Insertion Loss:**  $\leq 2.0$ dB  
**Pass Band VSWR:**  $\leq 1.6:1$   
**Stop Band Attenuation:**  
 $\geq 50$ dB @  $F_0 \pm 1.0$ GHz  
(34.2GHz, 36.2GHz)  
**Impedance:** 50 Ohms  
**Power Handling:**  $\leq 10$ W

## Mechanical

**Mounting Method:** Through Holes  
**Connector Type:** 2.92mm-Female  
**Dimensions:** 80 x 15 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:

