



# 3500 MHz Ceramic Band Pass Filter



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

**Part Number: AE3500CB1777**

## Electrical Specifications

**Center Frequency:** 3500 MHz  
**Ripple Bandwidth:** 200 MHz  
**Ripple in Bandwidth:** 0.5dB Max.  
**Insertion Loss @ 3500 MHz:** 3.0dB Max.  
**Return Loss in Bandwidth:** 14dB Min.  
**Rejection1:** 55dB Min. @ DC to 2650 MHz  
**Rejection2:** 40dB Min. @ 3250 MHz  
**Rejection3:** 37dB Min. @ 3750 to 6000 MHz  
**Impedance:** 50 Ohms  
**Power Handling:** 1 Watt

## Mechanical

**Connector Type:** SMT  
**Dimensions:** 39 x 12.7 x 5 mm.

## Environmental

**Operating Temperature:** -40°C to +85°C  
**Storage Temperature:** -55°C to +95°C  
**Shock:** 10 G. 11ms  
**Vibration:** 10 G. 5 to 200Hz

## Outline Drawing:

