



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

# 3500 MHz Ceramic Band Pass Filter

**Part Number: AM3500B1035**



## Electrical Specifications

**Center Frequency:** 3500 MHz  
**Bandwidth:**  $F_0 \pm 150$  MHz  
**Pass Band:** 3350-3650 MHz  
**Insertion Loss at  $F_0$ :** 2 dB Max  
**Insertion Loss in BW:** 3 dB Max  
**Ripple:** 0.25 dB Max  
**Return Loss:** >14 dB  
**In/Out Impedance:** 50  $\Omega$   
**Attenuation:** >60 dB @ DC-3100 MHz  
>40 dB @ 3150 MHz  
>40 dB @ 3850 MHz  
>60 dB @ 3950-6000 MHz

## Mechanical

**Mounting Method:** SMT  
**Dimensions:** 34 x 14 x 5.0 mm

## Environmental

**Operating Temperature:** -40 to +85° C  
**Storage Temperature:** -50 to +95° C  
**Shock:** 20 G. 11 ms  
**Vibration:** 20 G. 5 to 200 MHz

## Outline Drawing:

