



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

# 3000 MHz Ceramic Band Pass Filter

**Part Number: AM3000B1693**



## Electrical Specifications

**Center Frequency:** 3000 MHz  
**Bandwidth:** 640 MHz  
**Pass Band:** 2680-3320 MHz  
**Insertion Loss in BW:** 2.3 dB Max  
**Ripple in BW:** 1.2 dB Max  
**Return Loss:** 12 dB Min  
**Group Delay Variation:** 8 nsec  
**Attenuation:** >50 dB @ 1200 MHz  
                   >40 dB @ 4200 MHz  
**Input Power:** 30 dBm Max

## Mechanical

**Mounting Method:** SMT  
**Dimensions:** 34.4 x 14 x 5.5 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

This product is RoHS compliant.

## Outline Drawing:

