



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

# 5000 MHz Ceramic Band Pass Filter

**Part Number: AM5000B1696**



## Electrical Specifications

**Center Frequency:** 5000 MHz  
**Bandwidth:** 700 MHz  
**Pass Band:** 4650-5350 MHz  
**Insertion Loss in BW:** 2.0 dB Max  
**Ripple in BW:** 1.2 dB Max  
**Return Loss:** 12 dB Min  
**Group Delay Variation:** 10 nsec  
**Attenuation:** >40 dB @ 3000 MHz  
                   >30 dB @ 8000 MHz  
**Input Power:** 30 dBm Max

## Mechanical

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

## Environmental

**Operating Temperature:** -40 to +80° 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:

