



# 4550 MHz Ceramic Band Pass Filter

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

**Part Number: AM4550B1741**



## Electrical Specifications

**Center Frequency:** 4550 MHz  
**Bandwidth:** 300 MHz  
**Insertion Loss in BW:** 3.0 dB Max  
**Ripple in BW:** 1.0 dB Max  
**Return Loss in BW:** 15 dB Min  
**Rejection:** >20 dB @ 3750 MHz  
>60 dB @ 2800 MHz  
>40 dB @ 5000 MHz  
>40 dB @ 6200 MHz ( Goal 60 dB )

## Mechanical

**Mounting Method:** SMT  
**Dimensions:** 26.42 x 14.0 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

## Outline Drawing:

