



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

# 543 MHz Ceramic Band Pass Filter

**Part Number: AM543B1711**



## Electrical Specifications

**Center Frequency:** 543 MHz  
**Bandwidth:** 10 MHz Min  
**Insertion Loss in BW:** 4.0 dB Max  
**Ripple in BW:** 1.0 dB Max  
**Return Loss:** 14 dB Min  
**Impedance:** 50 Ω  
**Attenuation:** >30 dB @ 500 MHz  
                   >30 dB @ 580 MHz  
**Input Power:** 3 Watt

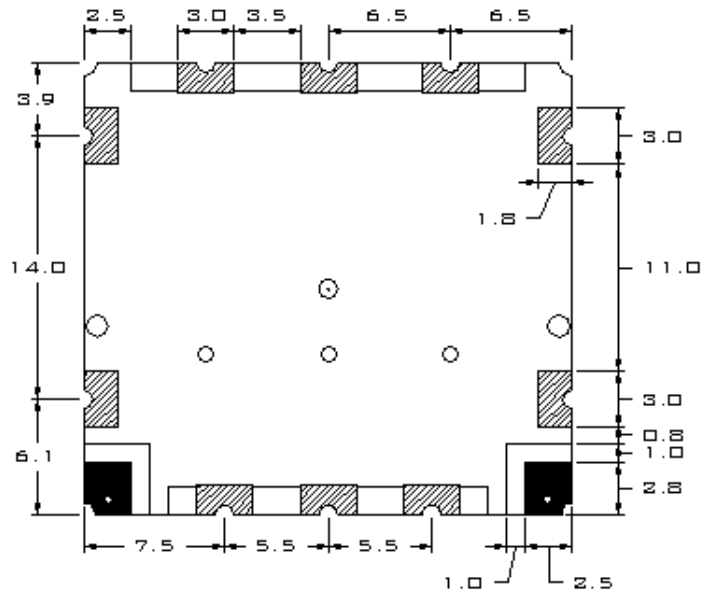
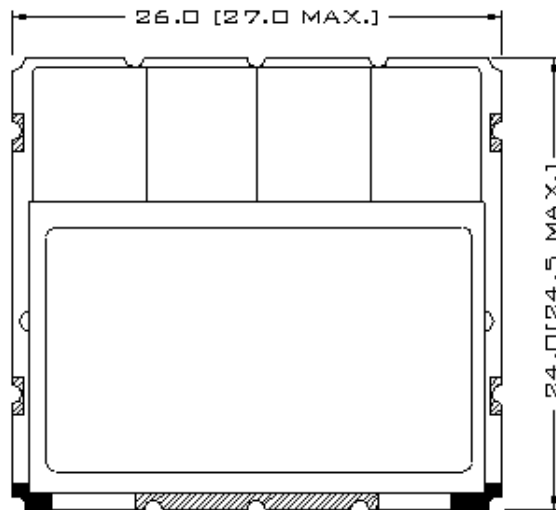
## Mechanical

**Mounting Method:** SMT  
**Dimensions:** 27 x 24.5 x 7 mm

## Environmental

**Operating Temperature:** -30 to +80° C  
**Storage Temperature:** -40 to +95° C  
**Shock:** 20 G. 11 ms  
**Vibration:** 20 G. 5 to 200 MHz

## Outline Drawing:



I/O PORT  
 GROUND

TOLERANCE : ±0.20  
 UNIT : mm