



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

# 4425 MHz Ceramic Band Pass Filter

**Part Number: AM4425B1742**



## Electrical Specifications

Center Frequency: 4425 MHz  
 Bandwidth: 250 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 @ 3360 MHz  
           >60 dB @ 2733 MHz  
           >40 dB @ 5000 MHz  
           >40 dB @ 5995 MHz ( Goal 60 dB )

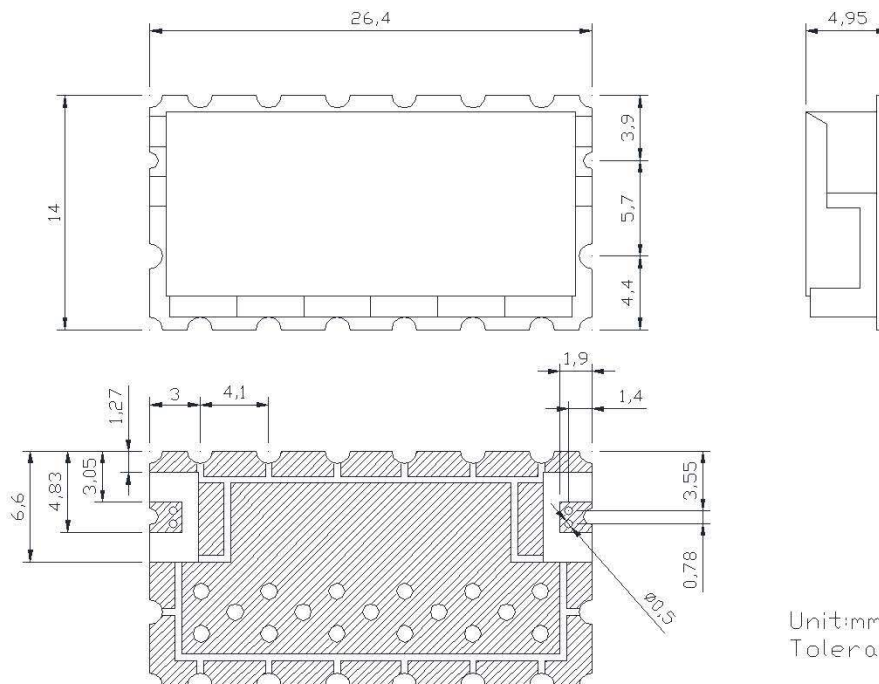
## Mechanical

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:



Unit:mm  
Tolerance:±0.3