



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

# 1212-1254 MHz Ceramic Band Pass Filter

**Part Number: AM1233B1704**



## Electrical Specifications

**Center Frequency:** 1233 MHz  
**Bandwidth:**  $F_o \pm 21$  MHz  
**Pass Band:** 1212-1254 MHz  
**Insertion Loss in Bandwidth:** 3.0 dB Max  
**Ripple in Bandwidth:** 1.0 dB Max  
**Return Loss:** 15 dB Min  
**Group Delay Variation in (1242-1249 MHz):** 5 ns  
**Attenuation:** >50 dB @ 1166 MHz  
                   >45 dB @ 1306 MHz  
**In/Out Impedance:** 50  $\Omega$

## Mechanical

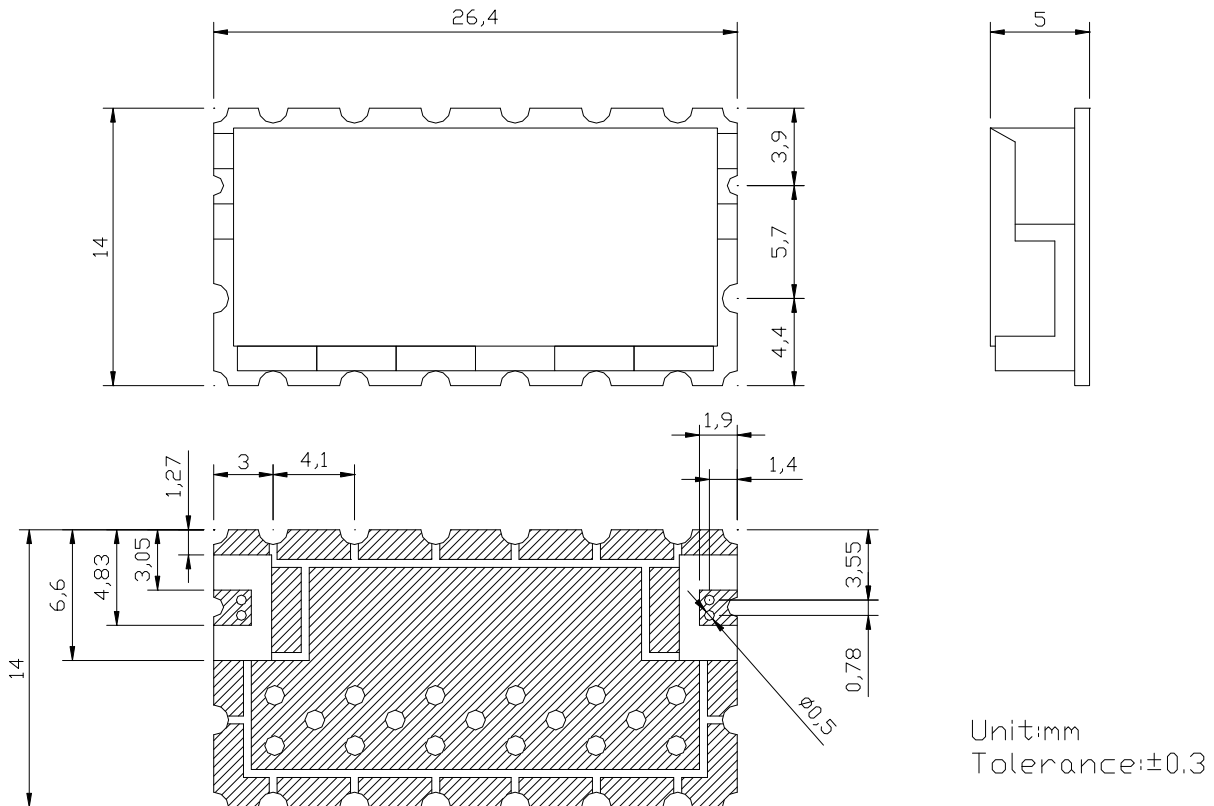
**Mounting Method:** SMT  
**Dimensions:** 26.4 x 14 x 5 mm

## Environmental

**Operating Temperature:** -20 to +70° C  
**Storage Temperature:** -40 to +85° C  
**Shock:** 20 G. 11 ms  
**Vibration:** 20 G. 5 to 200 MHz

**This product is RoHs compliant.**

## Outline Drawing:





### Response Plot:

