



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

# 4050 MHz Ceramic Band Pass Filter

**Part Number: AM4050B1710**



## Electrical Specifications

**Center Frequency:** 4050 MHz  
**Bandwidth:** 200 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 @ 3300 MHz  
               >60 dB @ 2500 MHz  
               >60 dB @ 5550 MHz  
               >5 dB @ 4750 MHz

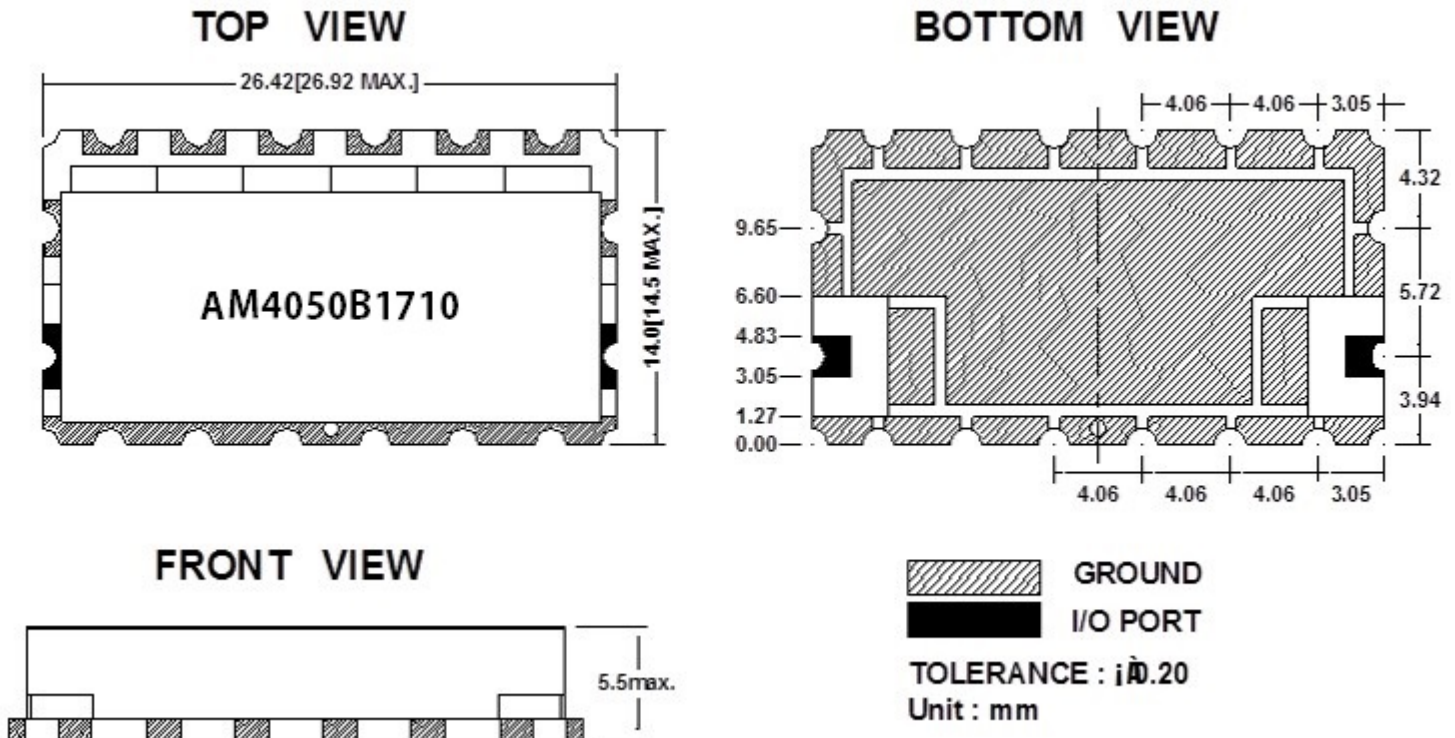
## Mechanical

**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:





### Response Plot:

