



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

# 5050 MHz Ceramic Bandpass Filter

**Part Number: AM5050B1335**



## Electrical specifications

**Center Frequency:** 5050 MHz  
**Bandwidth:** 100 MHz  
**VSWR:** 2:1 Max.  
**Input / Output Impedance:** 50 Ohms  
**Passband:** 5000-5100 MHz  
**Passband Insertion Loss:** 3.0 dB Max  
**Passband Ripple:** 0.5 dB Max  
**Rejection 1:** 30 dB Min at 4750 MHz  
**Rejection 2:** 30 dB Min at 5350 MHz  
**Power Handling:** 3 Watt max

## Mechanical

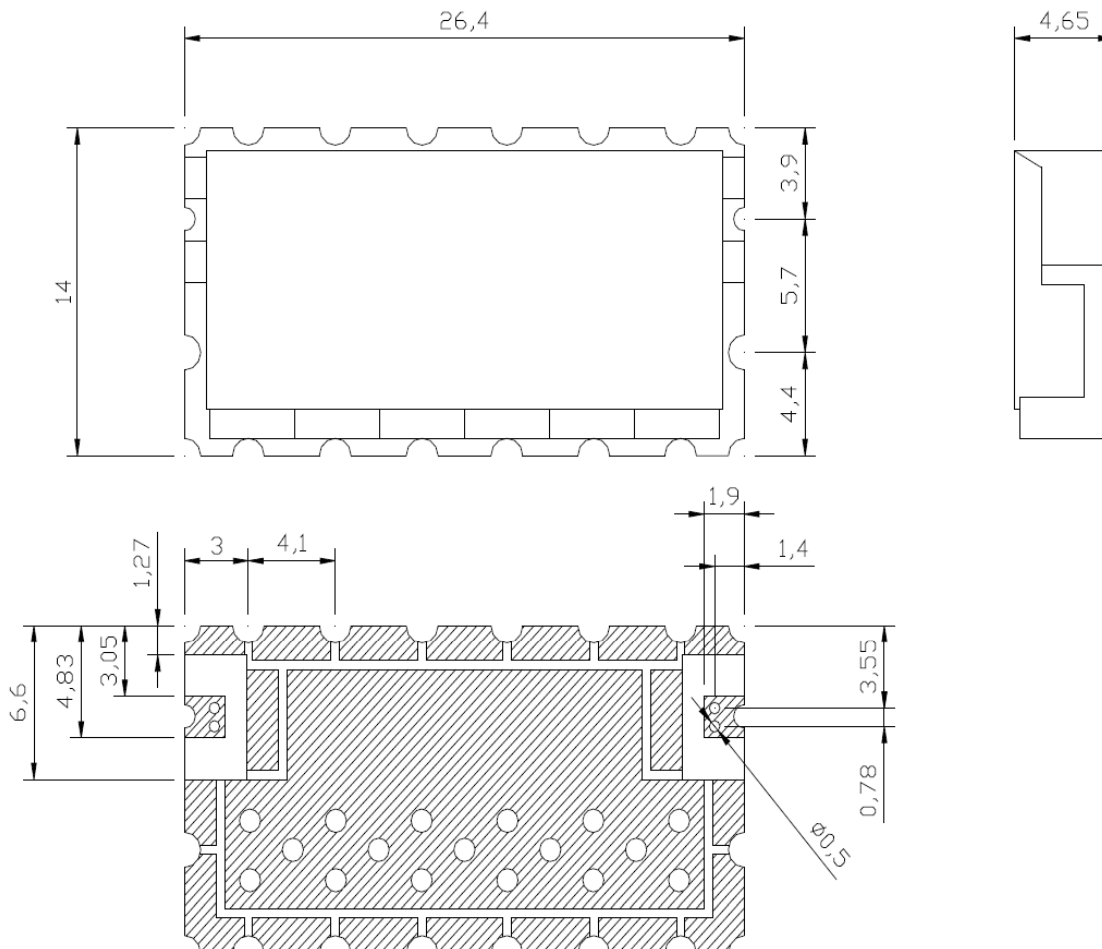
**Mounting Method:** SMT  
**Dimensions:** 26.4 x 14 x 4.65 mm

## Environmental

**Operating Temperature:** -40°C to 85°C  
**Storage Temperature:** -50°C to +90°C

**This product is RoHs compliant.**

## Outline Drawing:



Tolerance: +/-0.01 inches [+/-0.3mm]

Angles: +/-1 Deg.

\*Tolerance as shown unless otherwise specified in the datasheet electrical specification tables above.

\*When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.



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## Response Plot:

