



# 1575.42 MHz Ceramic Bandpass Filter

## Part Number: AM1575B1561



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

### Electrical specifications

- Center Frequency:** 1575.42 MHz
- 3 dB Bandwidth (BW):** 18 MHz min.
- Insertion Loss @ Fo:** 4.5dB max.
- Return Loss in BW:** 11 dB min.
- Ripple in BW:** <0.5dB:
- Rejection:**
  - 50dB @ 100~1535 MHz
  - 40dB min @ 1547 MHz
  - 20dB min @ 1599 MHz
  - 50dB min @ 1607 MHz
  - 50dB min @ 1626.5~1660.5 MHz
  - 50dB min @ 1660.5~2100 MHz
- Input / Output Impedance:** 50 Ohms
- Absolute delay:** 150 nsec max
- Group delay var @ Fo +/- 9MHz:** 40 nsec max
- Power Handling:** 20dBm max

### Mechanical

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

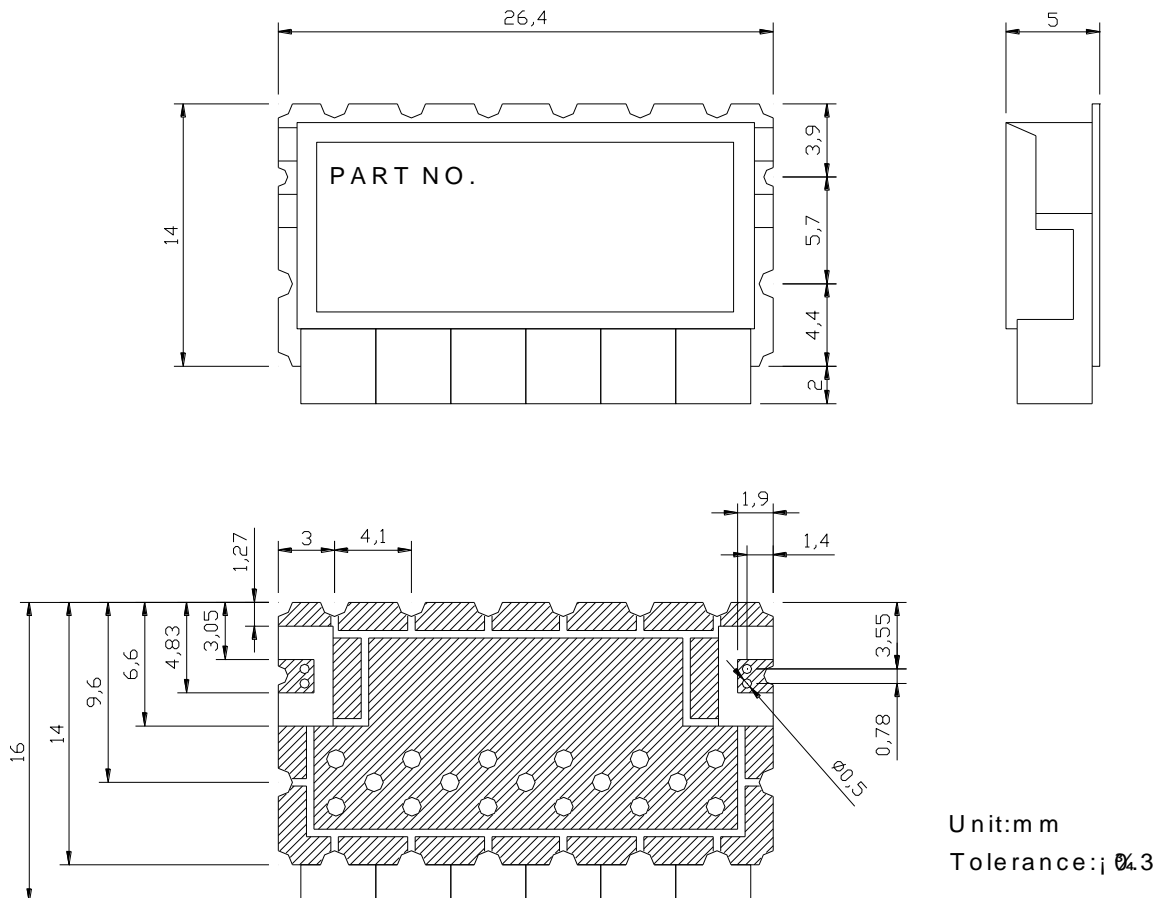
### Environmental

- Operating Temperature:** -40 to +85 deg.C
- Storage Temperature:** -55 to +100 deg.C

**This product is RoHs compliant.**

**DC Block to 30 Volts**

### Outline Drawing:



Unit: mm  
Tolerance: j 0.3