



# 1962.5 MHz Ceramic Band Pass Filter



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

**Part Number: AE1962CB1780**

## Electrical Specifications

**Center Frequency:** 1962.5 MHz  
**Bandwidth:** 65 MHz  
**Insertion Loss @ 1962.5 MHz:** 3.0 dB Max.  
**Return Loss in BW :** 10 dB Min.  
**Ripple in BW:** 2.0 dB Max.  
**Rejection1:** 20 dB Min. @ 1755.2 to 1820.2 MHz  
**Rejection2:** 12 dB Min. @ 1850 to 1915 MHz  
**Rejection3:** 20 dB Min. @ 2119.6 to 2184.6 MHz  
**Rejection4:** 45 dB Min. @ 2309.2 to 2374.2 MHz  
**Rejection5:** 45 dB Min. @ 2484 to 2549 MHz  
**Impedance:** 50 Ohms  
**Power Handling:** 3 Watts

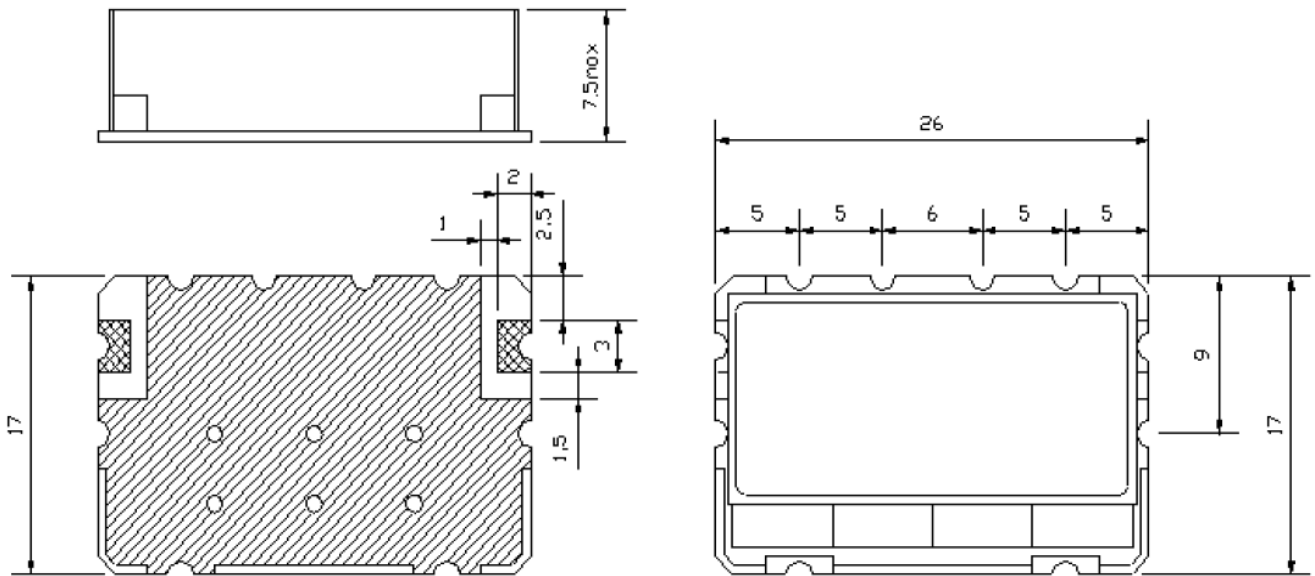
## Mechanical

**Connector Type:** SMT  
**Dimensions:** 26 x 17 x 7.5 mm.

## Environmental

**Operating Temperature:** -20°C to +70°C  
**Storage Temperature:** -35°C to +85°C  
**Shock:** 10 G. 11ms  
**Vibration:** 10 G. 5 to 200Hz

## Outline Drawing:



Unit:mm  
Tolerance:±0.3

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.

70 Outwater Lane Phone: (973) 772-4242  
Garfield, NJ 07026 Fax : (973) 321-3941

Email: [sales@anatechelectronics.com](mailto:sales@anatechelectronics.com)  
Web: [www.anatechelectronics.com](http://www.anatechelectronics.com)