



# 1500 MHz Ceramic Band Pass Filter



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

**Part Number: AE1500CB1809**

## Electrical Specifications

**Center Frequency(CF):** 1500 MHz  
**Bandwidth(BW):** 300 MHz  
**Insertion Loss :** 3.0 dB Max.  
**Ripple in BW:** 1.0 dB Max.  
**Return Loss in BW:** 15 dB Min  
**Rejection1:** 50 dB Min. @ 1250 MHz  
**Rejection2:** 40 dB Min. @ 1750 MHz  
**Input / output Impedance:** 50 Ohms

## Mechanical

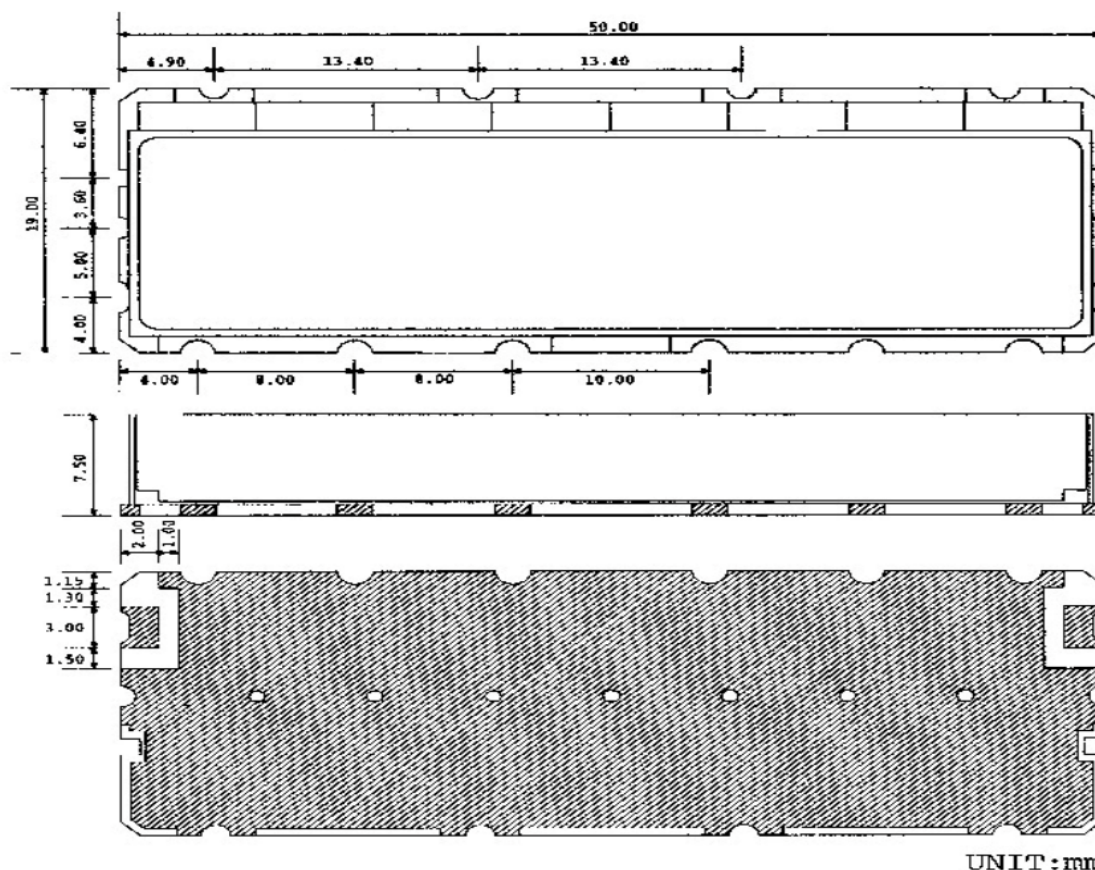
**Mounting Method:** SMT  
**Dimensions:** 50 x 19 x 7.5 mm

## Environmental

**Operating Temperature:** -30°C to +70°C  
**Storage Temperature:** -50°C to +85 °C  
**Shock:** 10G. 11ms  
**Vibration:** 10G 0.5 to 200 Hz

**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.