



# 4965 MHz Ceramic Bandpass Filter

## Part Number: AE4965CB1786



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

### Electrical specifications

**Center Frequency:** 4965 MHz  
**Bandwidth:** 35 MHz  
**Passband:** 4947.5-4982.5 MHz  
**Insertion Loss @ 4965 MHz:** 7.0 dB Max  
**Ripple in BW:** 1.5 dB Max.  
**VSWR:** 1.7:1 Max.  
**Rejection 1:** 30 dB Min. @ 4897 MHz  
**Rejection 2:** 30 dB Min. @ 4933 MHz  
**Impedance:** 50 Ω  
**Power Handling:** 1 Watt

### Mechanical

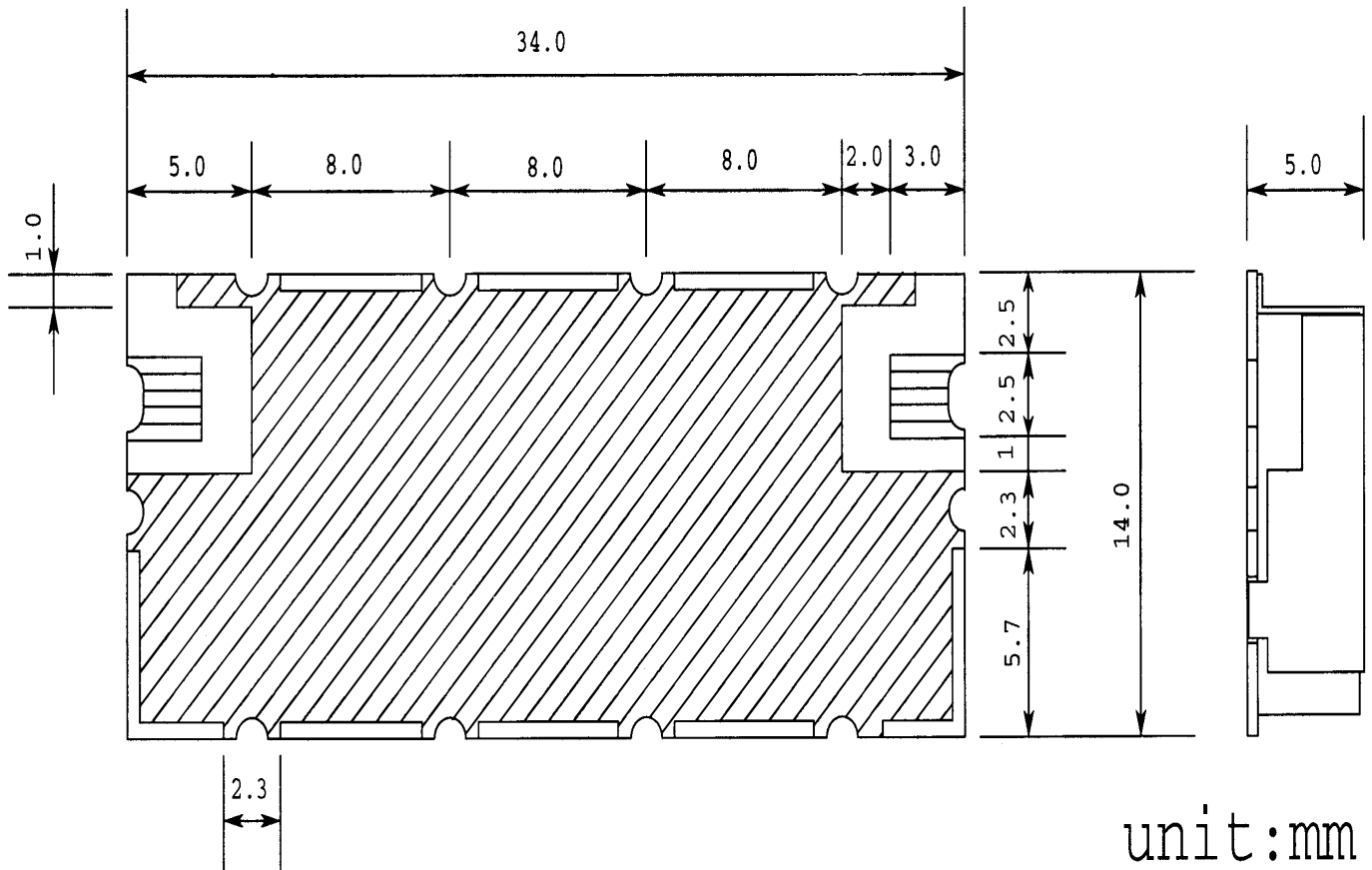
**Connector Type:** SMT  
**Dimensions:** 34 x 14 x 5 mm

### Environmental

**Operating Temperature:** -40° C to +80° C  
**Storage Temperature:** -45° C to +85° C  
**Shock:** 10 G. 11ms  
**Vibration:** 10 G. 5 to 200Hz

**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.