



# 1550 MHz Ceramic Band Pass Filter

Part Number: AE1550CB1781



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

## Electrical Specifications

**Center Frequency:** 1550 MHz  
**Bandwidth:** ± 98 MHz  
**Insertion Loss @ 1550 MHz:** 2.0 dB Max.  
**Return Loss in PB :** 10 dB Min.  
**Ripple in PB:** 1.0 dB Max.  
**Rejection1:** 20 dB Min. @ 1300 MHz  
**Rejection2:** 40 dB Min. @ 2000 MHz  
**Impedance:** 50 Ohms  
**Power Handling:** 1 W

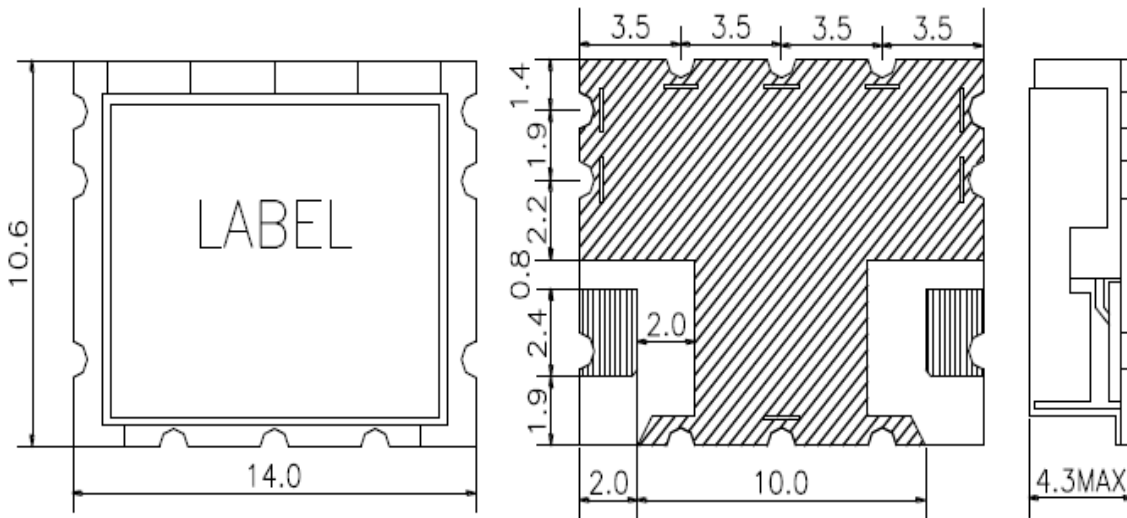
## Mechanical

**Connector Type:** SMT  
**Dimensions:** 14 x 10.6 x 4.3 mm.

## Environmental

**Operating Temperature:** -40°C to +85°C  
**Storage Temperature:** -50°C to +95°C  
**Shock:** 10 G. 11ms  
**Vibration:** 10 G. 5 to 200Hz

## Outline Drawing:



▨ IN/OUT  
▩ GROUND

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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