



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

**5G/LTE Band 66 / Extended AWS Band  
Uplink  
Connectorized Ceramic Band Pass Filter  
Part Number: AE1745CB1795-C**



**Electrical Specifications**

**Center Frequency(CF):** 1745 MHz  
**3dB Bandwidth(BW):** 70 MHz  
**Passband Frequency (PB):** 1710-1780 MHz  
**Insertion Loss @ CF:** 3.0 dB Max  
**Return Loss :** 12 dB Min.  
**Rejection1:** 35 dB Min.@ 1690 MHz  
**Rejection2:** 40 dB Min. @ 1800 MHz  
**Power Handling:** 1 W  
**Input / output Impedance:** 50 Ohms

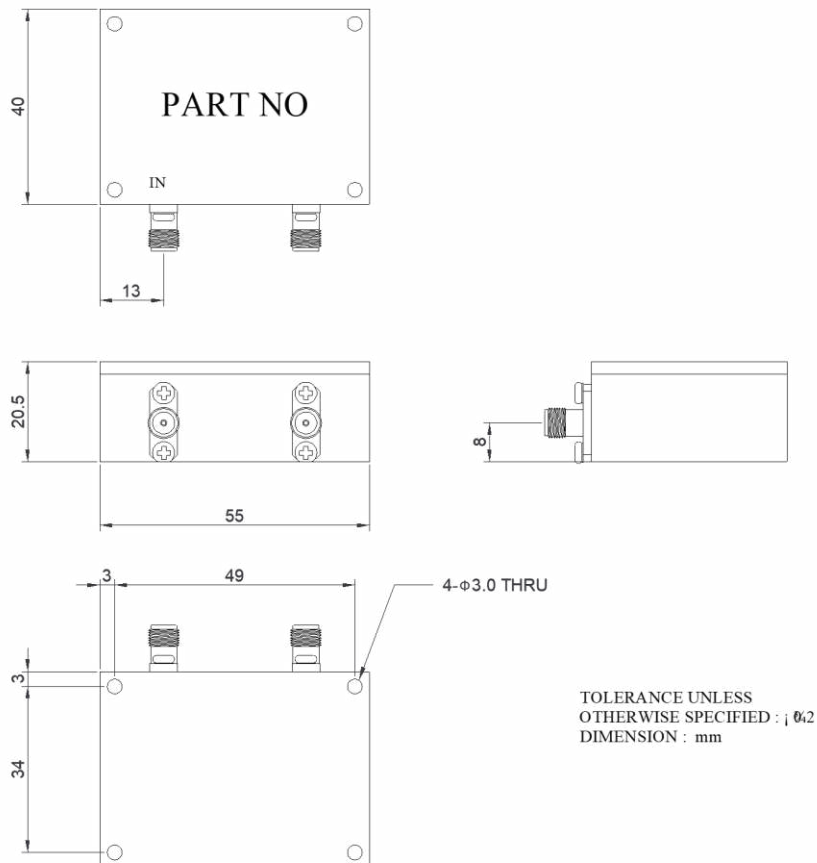
**Mechanical**

**Mounting Method:** Through Holes  
**Connector Type:** SMA(F)  
**Dimensions:** 55 x 40 x 20.5 mm

**Environmental**

**Operating Temperature:** -45°C to +85°C  
**Storage Temperature:** -50°C to +90 °C  
**Shock:** 10G. 11ms  
**Vibration:** 10G 0.5 to 200 Hz

**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.