



# 5G/LTE Band 30 / WCS Band Downlink Connectorized Ceramic Band Pass Filter



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

**Part Number: AE2355CB1791-C**

## Electrical Specifications

**Center Frequency:** 2355 MHz  
**3dB Bandwidth(BW):** 10 MHz Min.  
**Passband Frequency (PB):** 2350-2360 MHz  
**Insertion Loss in BW :** 4.0 dB Max  
**Ripple In BW:** 1.0dB Max.  
**Return Loss :** 12 dB Min.  
**Rejection1:** 30 dB Min. @ 2315 MHz  
**Rejection2:** 10 dB Min. @ 2370 MHz  
**Power Handling:** 1 W  
**Input / output Impedance:** 50 Ohms

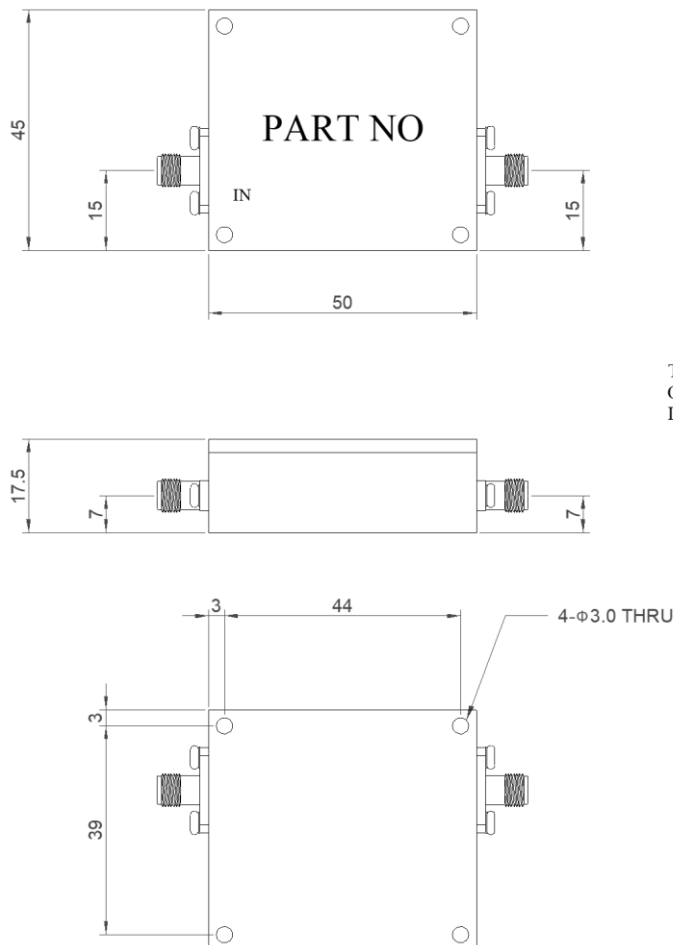
## Mechanical

**Mounting Method:** Through Holes  
**Connector Type:** SMA(F)  
**Dimensions:** 50 x 45 x 17.5 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 UNLESS  
OTHERWISE SPECIFIED : ± 0.3  
DIMENSION : mm

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.