



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

# 4050 MHz Cavity Bandpass Filter

Part Number: AE4050B11014



## Electrical specifications

**Frequency Range:** 3900 ~ 4200 MHz

**Bandwidth:** 300 MHz

**Insertion Loss:** <0.9 dB

**Ripple:** <0.5 dB

**VSWR:** 1.5

**Rejection 1:** ≥60dB@DC-3650MHz

**Rejection 2:** ≥60dB@4400-12000MHz

**This product is RoHs compliant.**

## Mechanical

**Mounting Method:**

**Dimensions:** 4.80" x 0.67" x 0.75"

**Surface Finish:** Black

**Port Connectors:** SMA – Female

**Size Tolerance:** +/- 0.3 mm

## Environmental

**Operating Temperature:** -50 to +85 deg.C

**Storage temperature:** -65 to +95 deg.C

**Shock:** 20 G's, ½ sine, 11ms

**Vibration:** 10 G's, 10-2000Hz

**Relative Humidity:** 0-95%

## Outline Drawing:

