



# 3400 MHz Cavity Bandpass Filter



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

**Part Number: AE3400B10235**

## Electrical specifications

- 1 dB passband frequency range:** 3348.15-3451.85 MHz
- Passband insertion loss @Fo:** <1.0 dB, 0.8 dB typ
- Passband ripple:** <0.5 dB P-T-P
- Attenuation 1:** 65 dBc min @ DC-3250 MHz
- Attenuation 2:** 69 dBc min @ 3550 MHz
- Passband return loss:** -14 dB max, <1.5:1
- Input/Output impedance:** 50 Ohm
- RF power capability average:** 5 Watts

## Mechanical

- Mounting Method:** Threaded Mounting Holes
- Connector Type:** SMA Male
- Dimensions:** 3.92" X 0.98" X 0.62" in

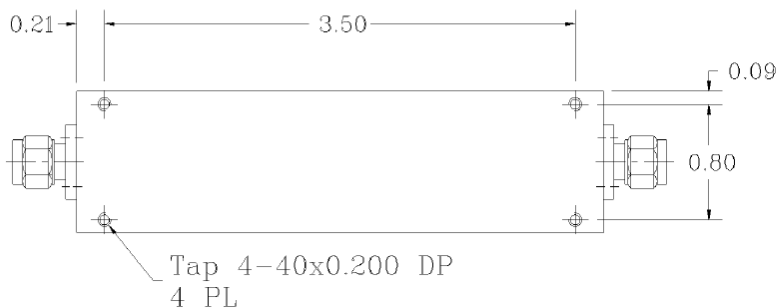
## Environmental

- Operating Temperature:** -45 to +85° C
- Storage Temperature:** -55 to +95° C
- Shock:** 20 G. 11ms
- Vibration:** 20 G. 5 to 200 MHz

## Outline Drawing:



SMA Male (2)



Tap 4-40x0.200 DP  
4 PL

