



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

# 1842.5 MHz Ceramic Bandpass Filter

**Part Number: AM1842B1400**



## Electrical specifications

**Center Frequency:** 1842.5 MHz

**Bandwidth:** 240 MHz min

**VSWR:** 2.0:1

**Input / Output Impedance:** 50 Ohms

**Passband:** 1722.5-1962.5 MHz

**Passband Insertion Loss:** 2.0 dB max

**Passband Ripple:** 3.0 dB max

**Rejection:** 15 dB min at 1692.5 MHz

**Rejection 2:** 15 dB min at 1992.5 MHz

**Rejection 3:** 25 dB min at 2042.5 MHz

**Rejection 4:** 30 dB min at 1642.5 MHz

**Power Handling:** 2 Watt max

## Mechanical

**Mounting Method:** SMT

**Dimensions:** 34 x 14 x 5 mm

## Environmental

**Operating Temperature:** -40°C to 85°C

**Storage Temperature:** -50°C to +90°C

**This product is RoHs compliant.**

## Outline Drawing:

