



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1842 MHz Ceramic Bandpass Filter

Part Number: AM1842B151



Electrical specifications

Center Frequency: 1842.5 MHz

Bandwidth: +/- 37.5 MHz

Input / Output Impedance: 50 Ohms

Passband: 1805-1880 MHz

Passband Insertion Loss: 1.9 dB (2.5 dB max)

Passband Return Loss: 13 dB (10 dB min)

Passband Ripple: 1.0 dB max

Rejection: 1375-1450 MHz 38dB

Rejection 2: 1590-1665 MHz 38 dB

Rejection 3: 1710-1785 MHz 7.6 dB

Rejection 4: 1980-2055 MHz 19 dB

Power Handling: 1 W

Mechanical

Mounting Method: SMT

Dimensions: 6.02 x 4 x 2.5 mm

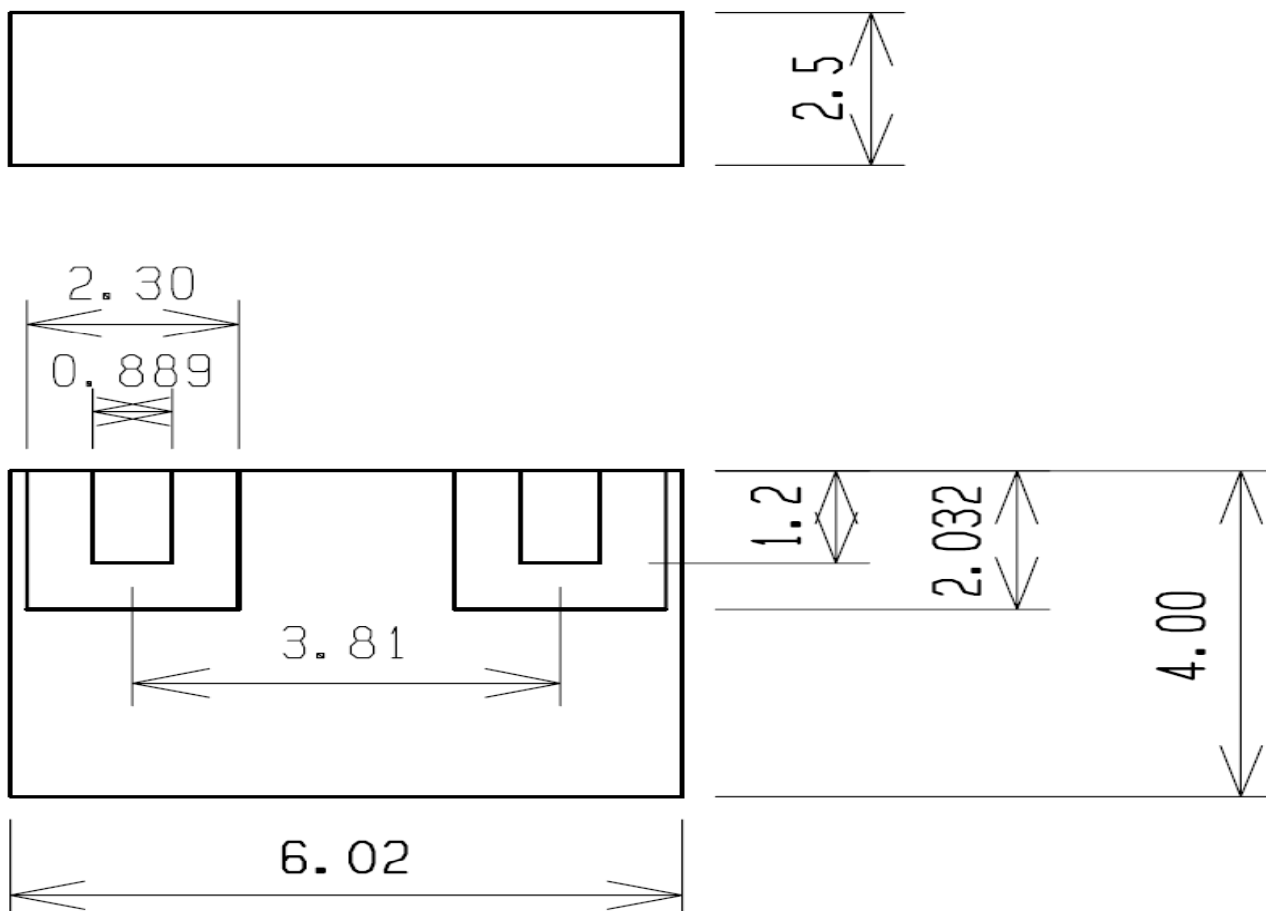
Environmental

Operating Temperature: -30°C to +70°C

Storage Temperature: -50°C to +90°C

This product is RoHs compliant.

Outline Drawing:





ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1842 MHz Ceramic Bandpass Filter

Part Number: AM1842B151



Response Plot:

CH2 S11 LOG MAG
REF 0.000 dB 10.000 dB/
CH4 S31 LOG MAG
REF 0.000 dB 10.000 dB/

