



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

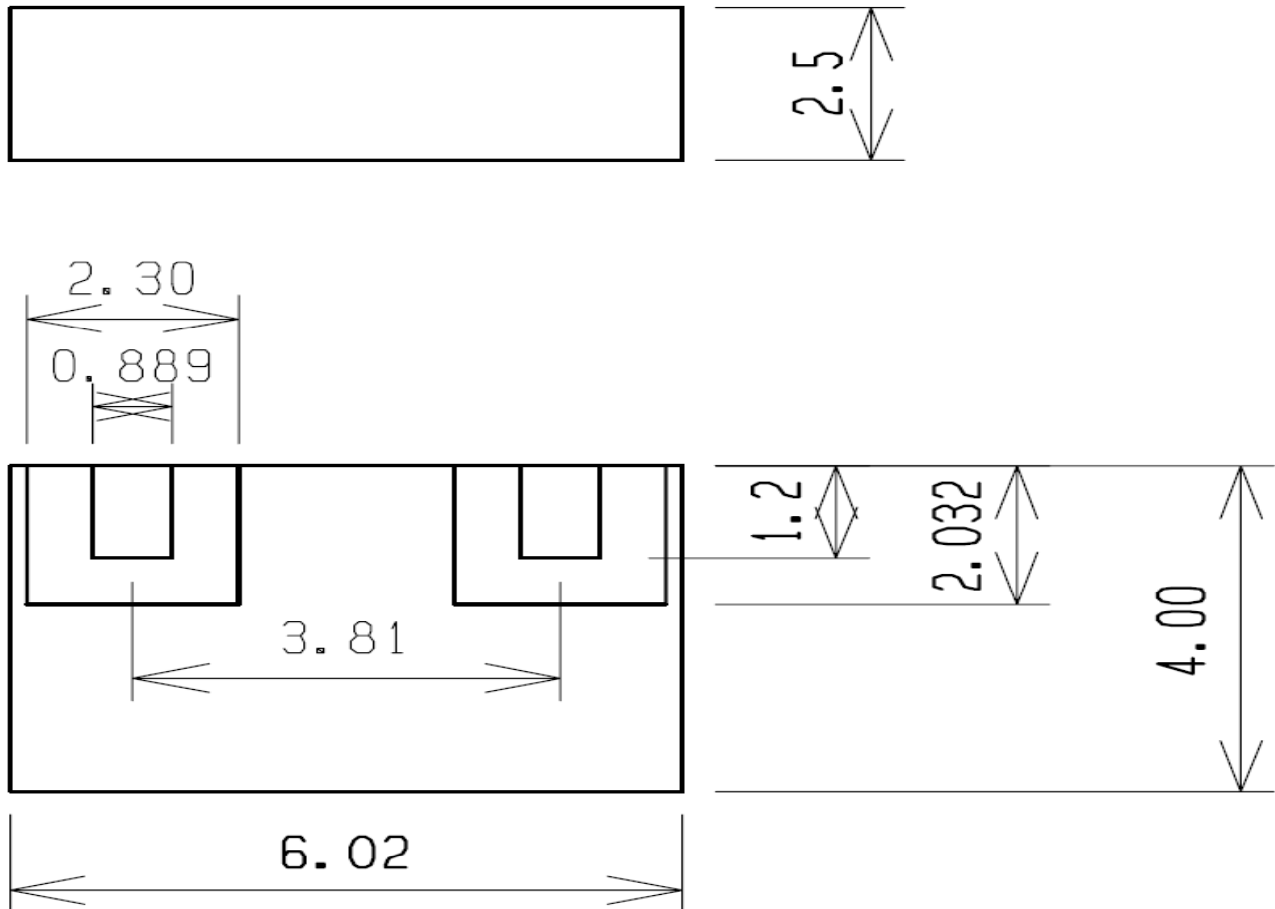
Mounting Method: SMT
Dimensions: 6.02 x 4 x 2.5 mm

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:

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