



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

31.2 MHz Crystal Band Pass Filter

Part Number: AE31CR360



Electrical Specifications

Center Frequency: 31.2 MHz
Passband: 31.18 – 31.22 MHz
Insertion Loss: 2.0dB Min, 8.0dB Max.
Input VSWR & Output VSWR: 2.0:1 Max.
Rejection1: ≥ 50dB @ 21.18 – 30.927 MHz
Rejection2: ≥ 73dB @ 30.927 – 31.102 MHz
Rejection3: ≥ 60dB @ 31.102 – 31.160 MHz
Rejection4: ≥ 73dB @ 31.240 – 41.220 MHz
Power Handling: 0.01 Watt

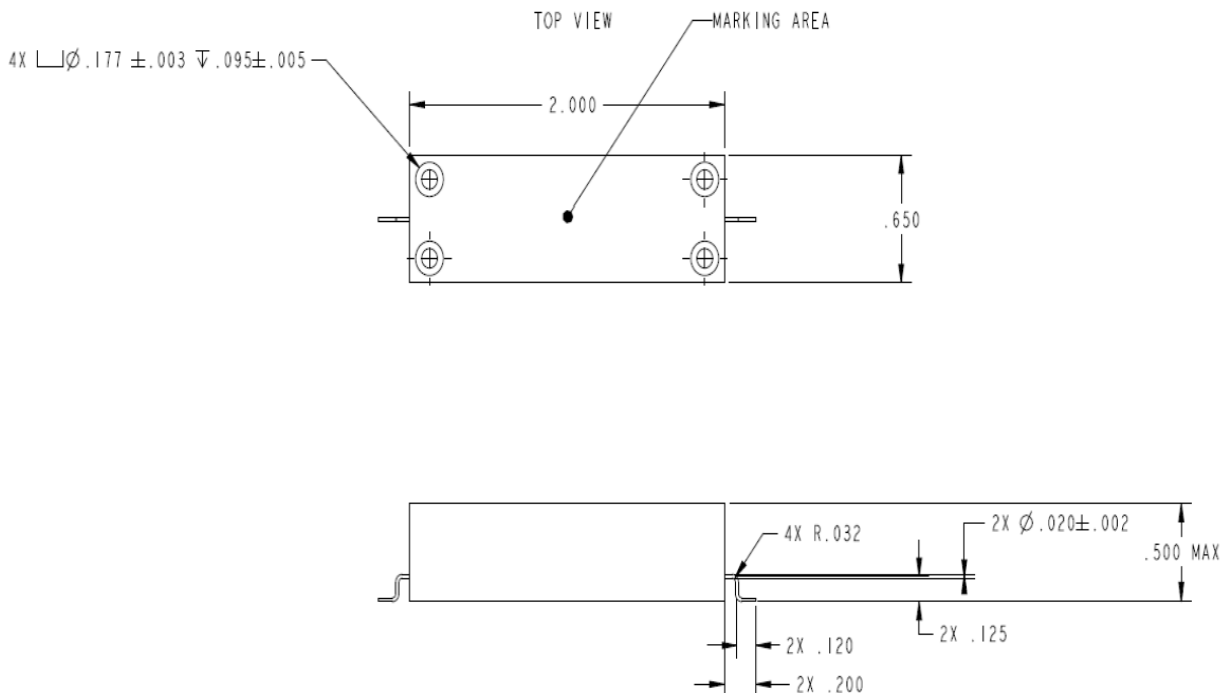
Mechanical

Connector Type: SMT
Dimensions: 2.0" X 0.65" x 0.5".

Environmental

Operating Temperature: -45°C to +75°C
Storage Temperature: -55°C to +85°C
Shock: 10 G. 11ms
Vibration: 10 G. 5 to 200Hz

Outline Drawing:



Tolerance: +/-0.01 inches [+/- 0.3mm]

Angles: +/- 1 Deg.

*Tolerance as shown unless otherwise specified in the datasheet electrical specification tables above.

*When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.

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