**TOP VIEW**

- 1.531 REF
- 1.187 ± .002
- .5935 ± .002
- .173 R (2 PLCS)
- .156 ± .002 DIA THRU (2 PLCS)
- 1.000 ± .005
- .50 R

**BOTTOM VIEW**

- .756 DIA REF
- .550 DIA
- .020 THK AR COATED SAPPHIRE WINDOW
- .015 MAX
- .36 DIA MIN CLEAR APERTURE

**SECTONAL SIDE VIEW**

- .655 MAX
- .39 ± .020
- .095
- .50 REF
- .030 DIA FEED-THRU PIN (6 PLCS)

**NOTES:**

1. DETECTOR CENTERED WITHIN ± .005 WITH RESPECT TO .156 MOUNTING HOLES.
2. FINISH: ALL EXPOSED METAL SURFACES - GOLD PLATED.
3. SPECIFICATIONS:
   - MATERIAL TYPE: InAs
   - ACTIVE AREA SIZE: 1.0 mm DIA
   - PACKAGE SPECIFICATIONS: T-3
   - DETECTOR SPECIFICATIONS AT: -85 °C
   - RESPONSE AT 1.3 μm:
     - >20.25 A/W
   - PEAK RESPONSE:
     - >10.50 A/W
   - DETECTOR SHUNT IMPEDANCE AT 22 °C: >15 ohms
   - DETECTOR SHUNT IMPEDANCE:
     - >3B Kohns
   - DETECTIVITY (PEAK, 1.004 Hz, 0°C):
     - >2.0E11
   - WINDOW MATERIAL: SAPPHIRE AR COATED

**UNLESS OTHERWISE SPECIFIED: DIMENSIONS IN INCHES TOLERANCES DECIMAL ANGULAR**

- ± .005
- ± 1/32
- ± .015

**DESIGN**

<table>
<thead>
<tr>
<th>PIN NO.</th>
<th>DESIGNATION</th>
<th>SLEEVE COLOR</th>
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<tbody>
<tr>
<td>1</td>
<td>THERMISTOR</td>
<td>YELLOW</td>
</tr>
<tr>
<td>2</td>
<td>DETECTOR (+)</td>
<td>WHITE</td>
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<tr>
<td>3</td>
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<td>4</td>
<td>COOLER (-)</td>
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<tr>
<td>5</td>
<td>COOLER (+)</td>
<td>RED</td>
</tr>
<tr>
<td>6</td>
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<tr>
<td>7</td>
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</tr>
<tr>
<td>8</td>
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