.37 DIA CLEAR OPENING
.020 THK SAPPHIRE WINDOW
(A/R COATED 1-6 un)

.95 DIA

NOTES:
1. PIN NUMBERS FOR REF ONLY.
2. PRODUCT MARKING.
3. MATES WITH P/N 300359 SOCKET, TO-66, 9-PIN.
4. MATERIAL TYPE: PV HgCdTe 5.0 un
ACTIVE AREA SIZE: 0.250 mm DIA
PACKAGE SPECIFICATIONS: TO-66
DETECTOR SPECIFICATIONS AT: -65° C
BIAS VOLTAGE (Unless Noted): 0.0 V
MAXIMUM REVERSE BIAS VOLTAGE: 0.5 V
MINIMUM WAVELENGTH CUTOFF (Typical): 50% at 5.0 un
WAVELENGTH PEAK (Typical): 4.5 un
MAXIMUM DARK CURRENT: 24 μA
MINIMUM PEAK RESPONSE: 1.9 A/W
MINIMUM DETECTOR SHUNT IMPEDANCE: 1.6 Kohns
MINIMUM DETECTIVITY (PEAK, kHz, Hz): 1.5610
WINDOW MATERIAL: Sapphire AR coated 1-6 un

PIN CHART

<table>
<thead>
<tr>
<th>PIN</th>
<th>FUNCTION</th>
<th>COLOR CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>COOLER (+)</td>
<td>RED</td>
</tr>
<tr>
<td>2</td>
<td>CASE (GND)</td>
<td>CLEAR</td>
</tr>
<tr>
<td>3</td>
<td>DET ANODE (+)</td>
<td>GREEN</td>
</tr>
<tr>
<td>4</td>
<td>DET CATHODE (-)</td>
<td>WHITE</td>
</tr>
<tr>
<td>5</td>
<td>THERMISTOR</td>
<td>YELLOW</td>
</tr>
<tr>
<td>6</td>
<td>N/C</td>
<td>CLEAR</td>
</tr>
<tr>
<td>7</td>
<td>COOLER (-)</td>
<td>BLACK</td>
</tr>
</tbody>
</table>

9X .030 DIA PINS ON .425 DIA B.C.
SPACED 36° APART

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES
DECIMALS ANGULAR

K.F.M.
07/20/02

K.F. MARSHALL
7/31/02

FRANK CECI
7/9/2002

N/A

WILLIAM ROLLS
8/5/02

O.F. GREENE

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