1. DETECTOR CENTERED WITHIN ± 0.005 ON BASE.

2. SPECIFICATION FOR A ROOM TEMPERATURE Ge DETECTOR:
   - MATERIAL TYPE: Ge-HS
   - ACTIVE AREA SIZE: 1.0 mm DIA
   - PACKAGE SPECIFICATION: TO-18
   - DETECTOR SPECIFICATION AT: 22 °C
   - MINIMUM RESPONSE AT 1.3 µm: 0.6 A/W
   - MINIMUM RESPONSE AT 0.85 µm: 0.2 A/W
   - MINIMUM DETECTOR SHUNT IMPEDANCE (Rd): 100 Kohms
   - MAXIMUM REVERSE VOLTAGE (Vr): -10.0 Volts
   - MAXIMUM DARK CURRENT AT MAX Vr: 5.0 µA
   - WINDOW MATERIAL: BOROSILICATE GLASS

DIMENSIONS ARE IN INCHES

TOLERANCES

DECIMALS: ANGULAR

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<tr>
<td>0.100</td>
<td>0.125</td>
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CUT PIN

.018 DIA PIN

.75

TOP VIEW

BOTTOM VIEW

UNLESS OTHERWISE SPECIFIED:

K.F.M. 08/24/99
FRANK CECI 08/24/99
WILLIAM ROLLS 08/24/99
HOAN DUNG 08/24/99

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PRODUCT OUTLINE