VIEW "A"

1/8" NPT FILL PORT SHOWN WITH FILL PORT PLUG REMOVED

1/4" EVACUATION PORT SUPPLY WITH PROTECTIVE CAP

"A"

NOTES:
1. SPECIFICATION FOR PHOTOCONDUCTOR HgCdTe DETECTOR
   MATERIAL TYPE: HgCdTe
   ACTIVE AREA SIZE: 0.250 mm x 0.250 mm

   DETECTOR SPECIFICATIONS:
   MINIMUM 0°C (PEAK, 1kHz, 1Hz): 2.56 x 10^10 cm² Hz/2 W-1
   MINIMUM RESPONSIVITY (PEAK, 900Hz): 3.000 W/K
   MINIMUM WAVELENGTH CUTOFF: 20% at 15.6 μm
   MAXIMUM BIAS VOLTAGE: 1.75 Volts
   FIELD OF VIEW: 60°
   WINDOW MATERIAL TYPE: ZnSe Wedged/1°
   MINIMUM MOLD TIME: 8 Hours
   MAXIMUM FLOW RATE: 120 ml/min
   DETECTOR TO WINDOW DISTANCE: 8.5 ± 0.5 mm

   WINDOW OUTER
   .236 TO DET. PLANE

   WINDOW ASSY
   5.25
   1.45
   52 O.D. x .04 THK
   ZnSe WINDOW WITH A 1.0" WEDGE, .49 DIA CLEAR APERTURE

REVISIONS
REV | DESCRIPTION | DATE | APPROVED
0   | INITIAL RELEASE | 12/06/01 | 00/00/00

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES:
MEANING
 x 0.005
 x 0.125