VIEW "A"

1/4" EVACUATION PORT
SUPPLY WITH PROTECTIVE
CAP

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

1.0 REF

2.50
DIA

1.12 DIA FILL
PORT PLUG

WINDOW OUTER

.062

1.989
1.987 DIA
WINDOW
RETAINING NUT

1.0 REF

4.04

2.63

.39

.062

1.7

.31

1.45

.75 OD X .04 THK
SAPPHIRE WINDOW WITH
.56 DIA OPENING 20°
WEDGE

NOTES:

1. SPECIFICATION FOR PHOTOMULTIPLIER IN3Sb DETECTOR
MATERIAL TYPE: In3Sb
ACTIVE AREA SIZE: 1.0 x 0.14

DETECTOR SPECIFICATIONS: 77 KELVIN
MINIMUM D (PEAK, 10 Hz, 1 Hz): 1.5x11 cmHz/2 W-1
MINIMUM PEAK RESPONSE: 2.5 A/W
MINIMUM SHUNT IMPEDANCE: 250 Kohms
MAXIMUM POWER ON DETECTOR: 1 Joule
MINIMUM LINEARITY: 1 nA OUTPUT OF CURRENT FROM DETECTOR
FIELD OF VIEW: 60°
WINDOW MATERIAL TYPE: SAPPHIRE WEDGED/20°
MINIMUM HOLD TIME: 10 HOURS
MAXIMUM N2 FLOW RATE: 120 ML/MIN

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES

DECIMAL

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<thead>
<tr>
<th>TOLERANCE</th>
<th>.001</th>
<th>.0005</th>
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12/30/08

TECH

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K.F.M.

FRANK CECI

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NEXT ASSY

USED ON