

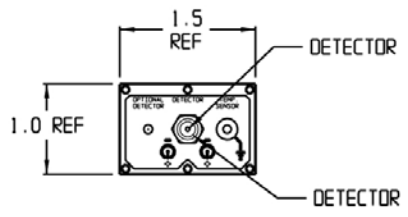
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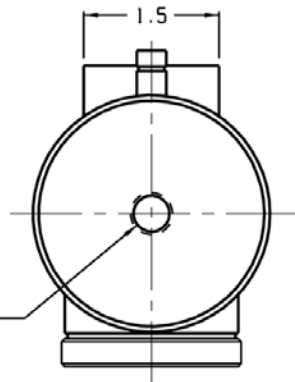
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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
0	INITIAL RELEASE	09/10/02	WR/DFG

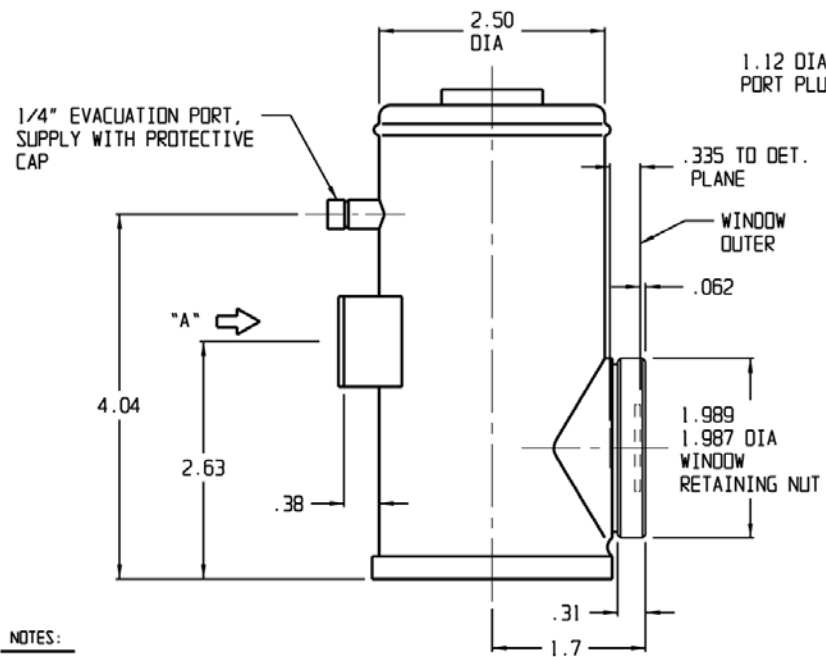


VIEW "A"



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

1.12 DIA FILL PORT PLUG

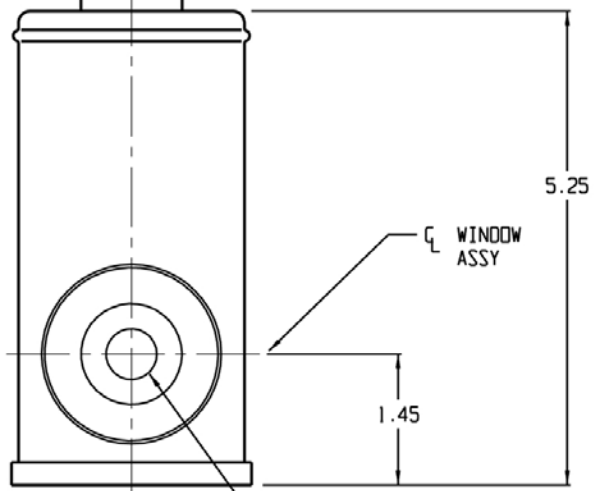


.335 TO DET. PLANE

WINDOW OUTER

.062

1.989  
1.987 DIA  
WINDOW  
RETAINING NUT



WINDOW ASSY

.75 O.D. x .04 THK  
ZnSe WINDOW WITH  
A 20' WEDGE, .56 DIA  
CLEAR APERTURE

NOTES:

- SPECIFICATION FOR PHOTOCONDUCTOR HgCdTe DETECTOR  
 MATERIAL TYPE: HgCdTe  
 ACTIVE AREA SIZE: 0.025 mm x 0.025 mm  
 DETECTOR TESTED AT: 77 Kelvin  
 MINIMUM D\* (PEAK, 1KHz, 1Hz): 3.0E10 cmHz<sup>1/2</sup> W-1  
 MINIMUM D\* (PEAK, 10KHz, 1Hz): 4.0E10 cmHz<sup>1/2</sup> W-1  
 MINIMUM RESPONSIVITY (PEAK, 900Hz): 100,000 V/W  
 MINIMUM WAVELENGTH CUTOFF: 20% at 12.0 um  
 MAXIMUM BIAS VOLTAGE: 0.175 Volts  
 FIELD OF VIEW: 60°  
 WINDOW MATERIAL TYPE: ZnSe Wedged/20'  
 MINIMUM HOLD TIME: 8 Hours  
 MAXIMUM N2 FLOW RATE: 120 nl/min

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES		DATE
DECIMALS	ANGULAR	
.XX ± .02	± 1/2°	DRAWN K.F.M. 09/10/02
.XX ± .01		DESIGN K.F. MARSHALL 09/10/02
.XXX ± .005		CHECK FRANK CECI 09/10/2002
		PROJECT N/A
		REG. APPROV. WILLIAM ROLLS 09/10/02
		QA APPROV. D.F. GREENE 09/10/02
		THIRD ANGLE PROJECTION

		221 COMMERCE DRIVE MONTGOMERYVILLE, PA 19936
TITLE <b>J15012-M204-S025U-60</b>		
SIZE <b>C</b>	DWG NO. <b>450059-1POD</b>	REV <b>0</b>
SCALE <b>1:1</b>		DO NOT SCALE DWG
SHEET		1 of 1

4

3

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