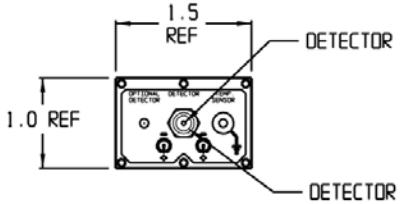
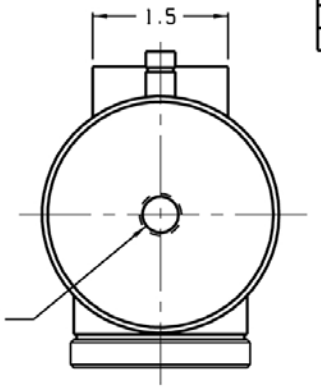
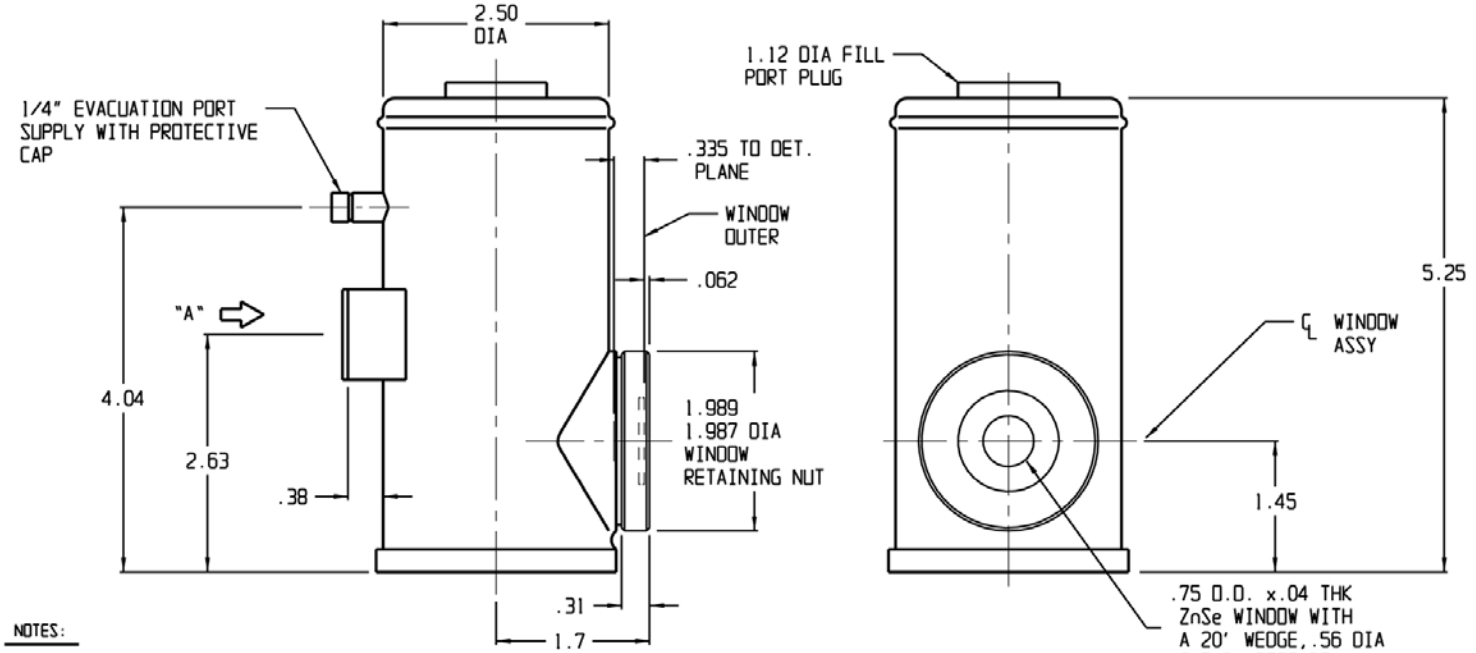
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
0	INITIAL RELEASE	05/15/02	WR/DFG



VIEW "A"





NOTES:

1. SPECIFICATION FOR PHOTOCONDUCTOR HgCdTe DETECTOR

MATERIAL TYPE:	HgCdTe
ACTIVE AREA SIZE:	0.250 mm x 0.250 mm
DETECTOR SPECIFICATIONS:	77 Kelvin
MINIMUM D* (PEAK, 10KHz, 1Hz):	3.0E10 cmHz1/2 W-1
MINIMUM RESPONSIVITY (PEAK, 900Hz):	10,000 V/W
MINIMUM WAVELENGTH CUTOFF:	20% at 12.0 um
MAXIMUM BIAS VOLTAGE:	1.75 Volts
FIELD OF VIEW:	60°
WINDOW MATERIAL TYPE:	ZnSe Wedged/20'
MINIMUM HOLD TIME:	8 Hours
MAXIMUM FLOW RATE:	120 nl/min
DETECTOR TO WINDOW DISTANCE:	8.5 +/-0.5 mm

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES
DECIMALS: .X ±.02, .XX ±.01, .XXX ±.005
ANGULAR: ± 1/2°

DRAWN	K.F.M.	05/15/02
DESIGN	K.F.MARSHALL	5/15/02
CHECK	FRANK CECI	5/16/2002
PROJECT	DON DOLAN	5/22/02
MFG APPRVL	WILLIAM ROLLS	5/30/02
QA APPRVL	D.F.GREENE	5/30/02

NEXT ASSY | USED ON

THIRD ANGLE PROJECTION

TELEDYNE JUDSON TECHNOLOGIES
A Teledyne Technologies Company
221 COMMERCE DRIVE
MONTGOMERYVILLE, PA 18936

TITLE: J15D12-M204-S250U-60

SIZE		DWG NO.	REV
C	56586	450135-2P00	0

SCALE: 1:1 | DO NOT SCALE DWG | SHEET 1 of 1