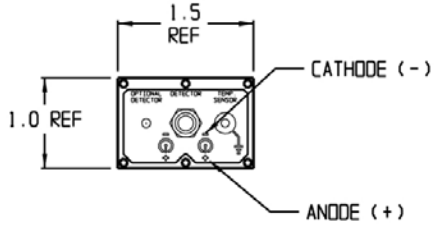
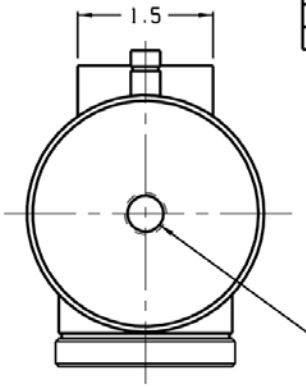
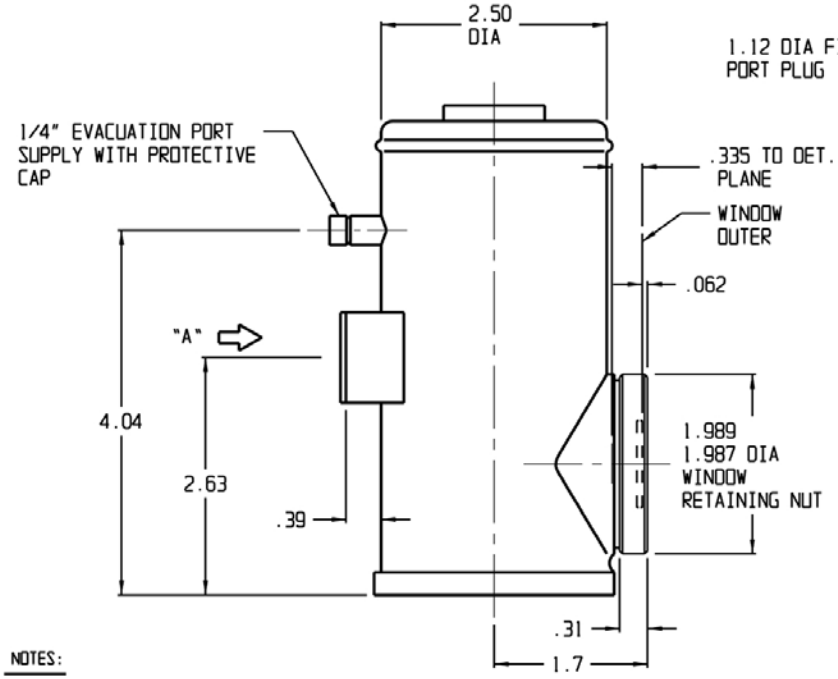
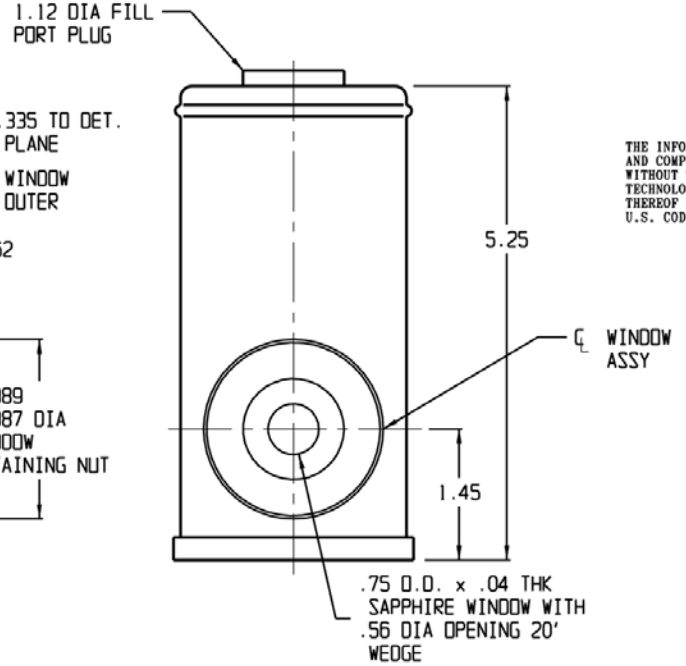
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
0	INITIAL RELEASE	11/19/01	WR/DFG



VIEW "A"







----- ATTENTION -----
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NOTES:

1. SPECIFICATION FOR PHOTOVOLTAIC InSb DETECTOR

MATERIAL TYPE:	InSb
ACTIVE AREA SIZE:	4.0 nn DIA
DETECTOR SPECIFICATIONS:	77 KELVIN
MINIMUM D* (PEAK, 1KHz, 1Hz):	1.0E11 cnHz1/2 W-1
MINIMUM PEAK RESPONSE:	3 A/W
MINIMUM SHUNT IMPEDANCE:	40 Kohns
MAXIMUM POWER ON DETECTOR:	1 JOULE cn-2
MINIMUM LINEARITY:	1 nA OUTPUT OF CURRENT FROM DETECTOR
FIELD OF VIEW:	60°
WINDOW MATERIAL TYPE:	SAPPHIRE WEDGED/20'
MINIMUM HOLD TIME:	8 HOURS
MAXIMUM N2 FLOW RATE:	120 ML/MIN

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

DRAWN	K.F.M.	10/09/01
DESIGN	K.F.MARSHALL	10/25/01
CHECK	FRANK CECI	10/25/2001
PROJECT	N/A	-------
MFG APPRVL	WILLIAM ROLLS	10/25/01
QA APPRVL	D.F.GREENE	10/25/01

THIRD ANGLE PROJECTION

NEXT ASSY | USED ON

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

TITLE: J10D-M204-R04M-60

SIZE		DWG NO.	REV
C	56586	400010-1P00	0

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