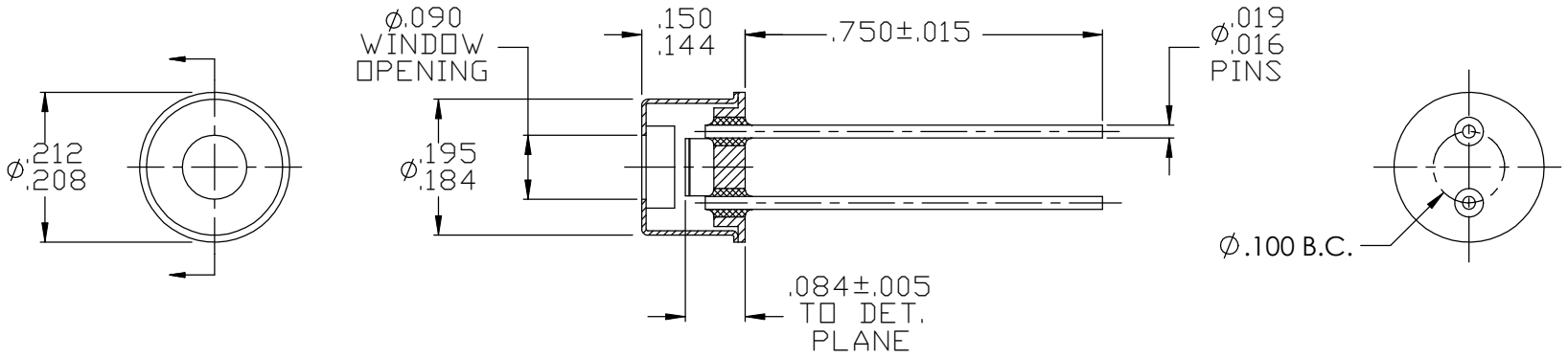
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
0	INITIAL RELEASE	04/20/06	WR/MW/DFG
1	PER DCN 406152	04/20/10	VRN / RJA



NOTES:

1. DETECTOR SPECIFICATIONS:

MATERIAL TYPE:	PbS3
BIAS LOAD RESISTOR:	1 Mohm
BIAS VOLTAGE:	60 VDC
DETECTOR ACTIVE AREA SIZE:	1.0 mm x 1.0 mm
DETECTOR SPECIFICATIONS AT:	22+/-3 ℃ (Post Filter)
MINIMUM D* (PEAK,750Hz,1Hz):	5.0E10 cmHz1/2 W-1
SPECTRAL RESPONSE:	1 - 3 um
WAVELENGTH PEAK:	2.5um
DARK RESISTANCE:	400 kohms - 2 Mohms
TIME CONSTANT:	400 us Maximum
WINDOW MATERIAL TYPE:	Filter
FILTER:	1450 nm
DETECTOR PACKAGE:	TO-18

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES:
TOLERANCES
DECIMALS
.X ± 0.020
.XX ± 0.010
.XXX ± 0.005
ANGULAR
± 1/2°

NEXT ASSY | USED ON

DRAWN	K. F. M.	04/20/06
DESIGN	K. F. MARSHALL	04/20/06
CHECK	FRANK CECI	04/21/06
PROJECT	GEORGE GASPARIAN	04/21/06
MFG APPRVL	WILLIAM ROLLS	04/21/06
QA APPRVL	D. F. GREENE	04/21/06

THIRD ANGLE PROJECTION

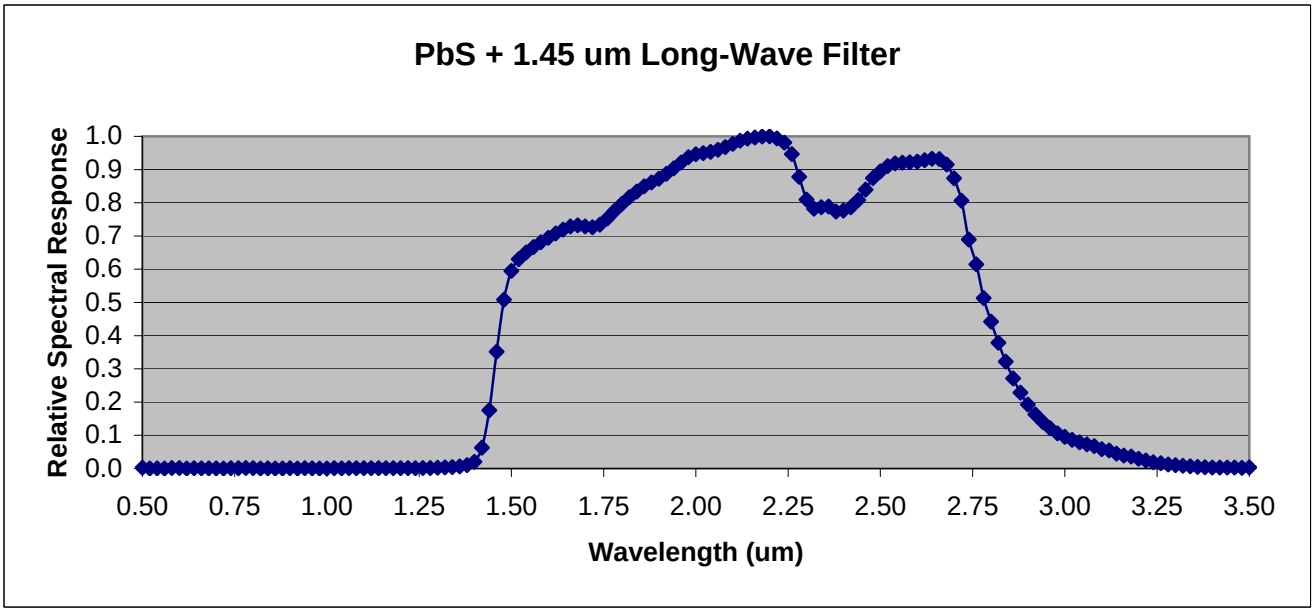
TELEDYNE JUDSON TECHNOLOGIES
A Teledyne Technologies Company
221 COMMERCE DRIVE
MONTGOMERYVILLE, PA. 18936

TITLE: PS3 - 0 - 181 W/1450nm FIL

SIZE		DWG NO.	REV
B	56586	1600514POD	1

SCALE NONE | DO NOT SCALE DWG | SHEET 1 of 1

nLIGHT Part Number: 25-05443



nLIGHT Part Number: 25-05443

TELEDYNE
JUDSON TECHNOLOGIES
A Teledyne Technologies Company

SUBJECT: RoHS-REACH CONFORMANCE STATEMENT.

Teledyne Judson Technologies Part Number: 1600514
Teledyne Judson Technologies Part Description: PS3-0-181 w/1450 nm Fil

RoHS Test Specification:
Directive **2011/65/EU** on the restriction of the use of certain hazardous substances in electrical and electronic equipment R**oHS.** Following the guidelines for Analysis IEC 62321.

Detector: Exempt Category 9
In Regards to: J13 Series (Pbs) Lead Sulfide detector cell. This detector will be used within laboratory equipment. Laboratory Equipment falls under Category 9 of the 2011/65/EU (RoHS) Directive. This equipment is categorized as Industrial Monitoring and Control Instruments. Category 9 is titled "Monitoring and control instruments including industrial monitoring and control instruments." As of July 2011, the recast of the RoHS Directive has included Categories 8 and 9 under the scope of the directive and has given Cat.9 Industrial Monitoring and Control Equipment a deadline of July 22, 2017 to comply with RoHS. This device is currently exempt from this directive until 22 July 2017. This letter is valid for 1 year after the date of August 8, 2013 and must be reviewed against current EU legislation at that time due to possible changes.

Detector Package materials: (Pass)
Detector package, Dewar, Optics, and internal components are compliant to RoHS according to the above listed test method.

Screening of SVHCs in subject to authorisation (according to EU no. 143/2011 (Annex XIV of EC no. 1907/2006), & candidate list, by European Chemical Agency (ECHA).
Product Classification
With reference to Corrigendum to Regulation (EC) no.1907/2006 and ECHA, this product is classified as:
Article which **does not contain** substances released by the product under normal or reasonably foreseeable conditions of use.
Acc. to **authorisation list EU no. 143/2011**
(Annex XIV of EC no. 1907/2006), and candidate list by ECHA,
the detected SVHC concentration is:
< 0.1%.