

4

3

2

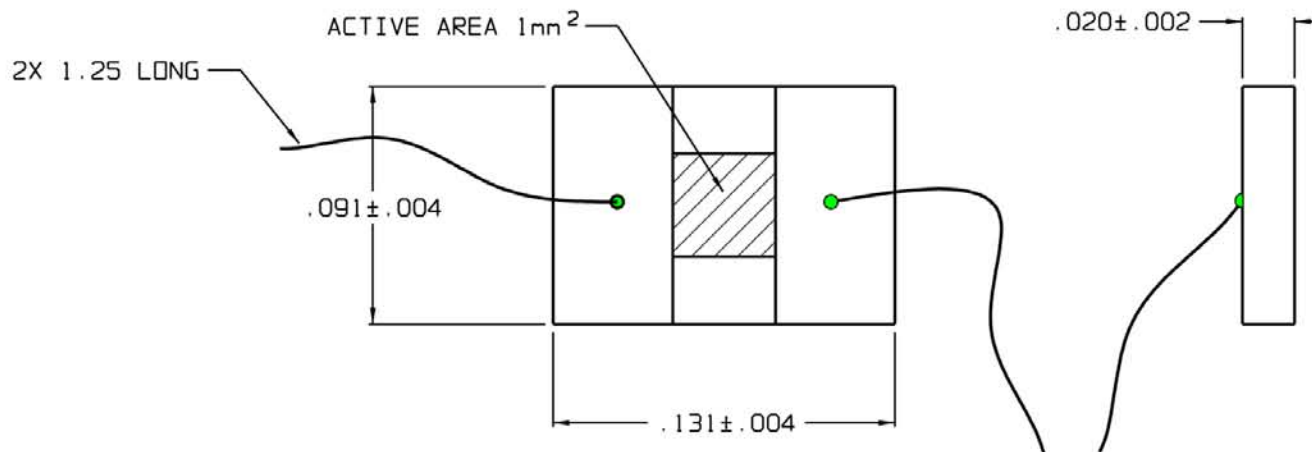
1

## PROPRIETARY NOTICE:

THIS DOCUMENT AND THE DATA DISCLOSED HEREIN OR HEREWITH IS NOT TO BE REPRODUCED, USED, OR DISCLOSED IN WHOLE OR IN PART TO ANYONE WITHOUT THE PERMISSION OF JUDSON TECHNOLOGIES LLC.

## REVISIONS

REV	DESCRIPTION	DATE	APPROVED
0	INITIAL RELEASE	12/07/01	WR/DFG



## NOTES: UNLESS OTHERWISE SPECIFIED

1. DETECTOR MATERIAL TYPE: PbSe  
 DETECTOR ACTIVE AREA SIZE: 1.0mm x 1.0mm  
 DETECTOR TESTED AT: 25° C (ROOM TEMPERATURE)  
 BIAS LOAD RESISTOR: 1 Mohm  
 DETECTOR BIAS: 60 VDC

DETECTOR SPECIFICATIONS AT: 25° C  
 MINIMUM D\* (PEAK, 750Hz, 1Hz): 5.0E09 cmHz<sup>1/2</sup>W<sup>-1</sup>  
 MINIMUM RESPONSIVITY (PEAK, 750Hz): 15,000 V/W  
 SPECTRAL RESPONSE: 1 - 4.8 μm  
 WAVELENGTH PEAK: 3.8 - 4.0 μm  
 DARK RESISTANCE: 0.1 - 2.0 Mohms  
 TIME CONSTANT: 0.5 - 1.5 us

UNLESS OTHERWISE SPECIFIED:  
 DIMENSIONS ARE IN INCHES:  
 TOLERANCES

DECIMALS	ANGULAR
.X ± .02	± 1/2°
.XX ± .01	
.XXX ± .005	

DATE	BY	APPROVAL
12/07/01	K.F.M.	
12/7/01	K.F. MARSHALL	
12/7/2001	FRANK CECI	
12/7/01	WILLIAM ROLLS	
100EC01	D.F. GREENE	

NEXT ASSY USED ON THIRD ANGLE PROJECTION

DATE	BY	APPROVAL
12/07/01	K.F.M.	
12/7/01	K.F. MARSHALL	
12/7/2001	FRANK CECI	
12/7/01	WILLIAM ROLLS	
100EC01	D.F. GREENE	

TELEDYNE JUDSON TECHNOLOGIES A Teledyne Technologies Company		221 COMMERCE DRIVE MONTGOMERYVILLE, PA 18936	
TITLE PE-0-01 W/LEADS			
SIZE B	DWG NO. 56586	REV 1500501POD	REV 0
SCALE 20:1	DO NOT SCALE DWG		SHEET 1 of 1

4

3

2

1