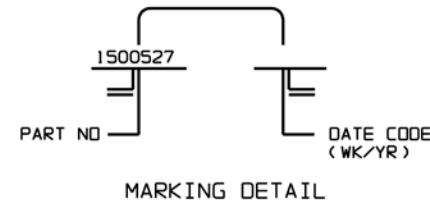
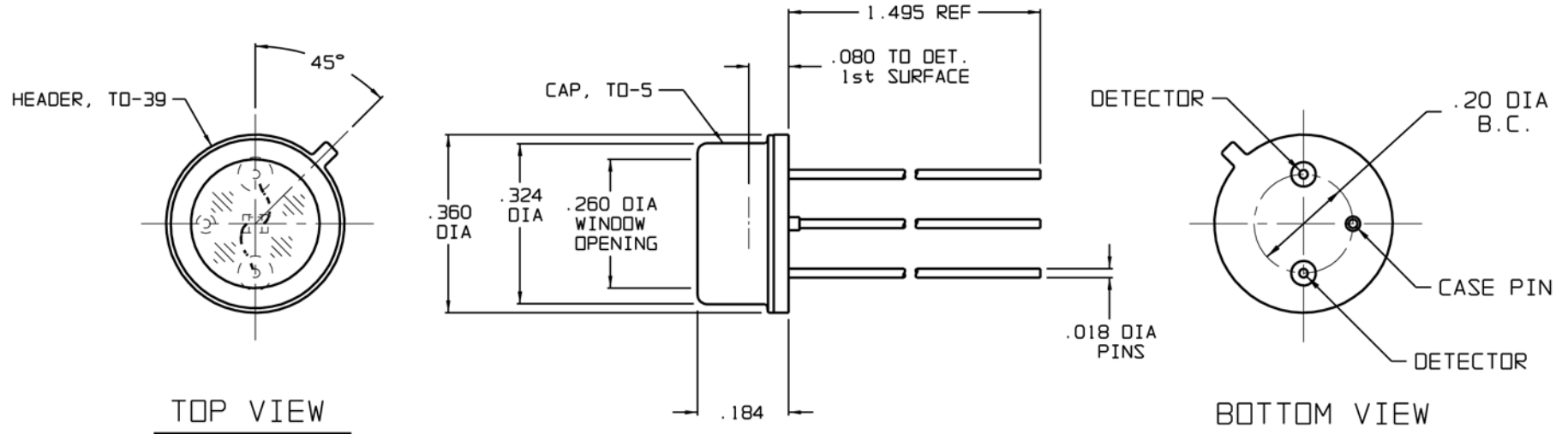


PROPRIETARY NOTICE:

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	06/21/02	WR/DFG



NOTES: UNLESS OTHERWISE SPECIFIED

- DETECTOR SPECIFICATIONS:
  - MATERIAL TYPE: PbS3
  - DETECTOR ACTIVE AREA SIZE: 2 mm x 2 mm
- DETECTOR SPECIFICATIONS AT: 25 °C (ROOM TEMPERATURE)
  - MINIMUM D\* (PEAK, 750Hz, 1Hz): 5.0E9 cmHz<sup>1/2</sup> W<sup>-1</sup>
  - MINIMUM RESPONSIVITY (PEAK, 750Hz): 7,500 V/W
  - SPECTRAL RESPONSE: 1-5.2 um
  - WAVELENGTH PEAK: 3.8-4.0 um
  - DARK RESISTANCE: 0.1-2.0 Mohms
  - TIME CONSTANT: 0.5-1.5 us
  - WINDOW MATERIAL TYPE: SAPPHIRE
  - FLANGE TO DETECTOR DISTANCE: 2.03 mm +/- .5 mm
- DETECTOR PACKAGE: TO-5

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES		TOLERANCES		DRAWN		DATE		TELEDYNE JUDSON TECHNOLOGIES <small>A Teledyne Technologies Company</small>		221 COMMERCE DRIVE MONTGOMERYVILLE, PA 17056	
DECIMALS		ANGULAR		K.F.M.		06/21/02		TITLE <b>PE-0-52</b>			
.X ±.02		± 1/2°		DESIGN K.F. MARSHALL		6/21/02					
.XX ±.01				CHECK FRANK CECI		6/21/2002		SIZE C 56586			
.XXX ±.005				PROJECT N/A		DATE -----					
				MFG APPRVL WILLIAM ROLLS		6/21/02		DWG NO. 1500527P00		REV 0	
				QA APPRVL D.F. GREENE		6/21/02					
NEXT ASSY		USED ON		THIRD ANGLE PROJECTION		SCALE 6:1		DO NOT SCALE DWG		SHEET 1 of 1	