

4

3

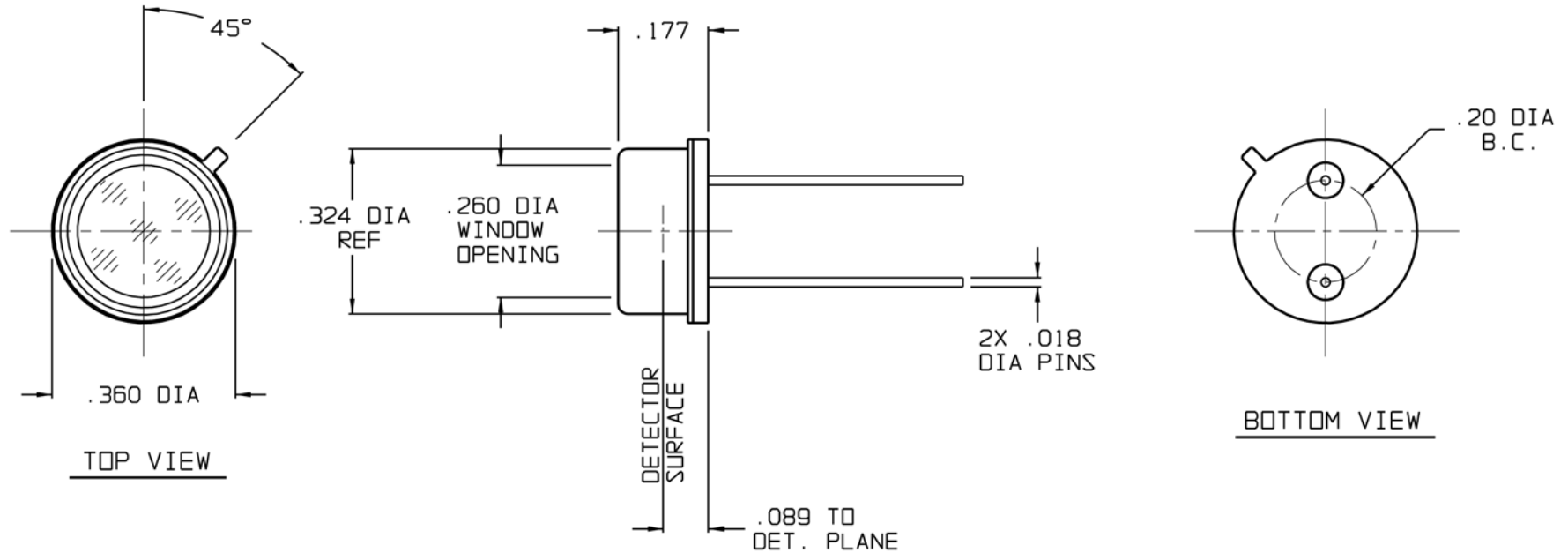
2

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	06/13/02	WR/DFG
1	CHANGES PER DCN 403053	06/20/02	WR/DFG



NOTES: UNLESS OTHERWISE SPECIFIED

1. INTERPRET DIMENSIONING & TOLERANCING IAW ANSI Y14.5M - 1982.
2. DETECTOR MATERIAL TYPE: PbS3
DETECTOR AREA SIZE: 1.0 mm x 1.0 mm

DETECTOR SPECIFICATIONS AT: 25 °C
 MINIMUM D* (PEAK, 750Hz, 1Hz): 7.7E10 cmHz^{1/2} W-1
 MINIMUM RESPONSIVITY (PEAK, 750Hz): 300,000 V/W
 DARK RESISTANCE: 0.5 - 1.5 Mohms
 TIME CONSTANT: 150 - 350 us
 SPECTRAL RESPONSE: 1 - 3 um
 WINDOW MATERIAL TYPE: SAPPHIRE
 DETECTOR PACKAGE: TO-5

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES		DRAWN K.F.M.	DATE 06/13/02	 221 COMMERCE DRIVE MONTGOMERYVILLE, PA 18936	
TOLERANCES DECIMALS ± .02 .XX ± .01 .XXX ± .005 ANGULAR ± 1/2°		DESIGN K.F. MARSHALL	DATE 6/13/02	TITLE PS3-0-51	
		CHECK FRANK CECI	DATE 6/13/2002		
		PROJECT N/A	DATE -----		
		MFG APPROV WILLIAM ROLLS	DATE 6/13/02	SIZE C	DWG NO. 1200045POD
		QA APPROV D.F. GREENE	DATE 6/13/02	REV 1	
NEXT ASSY	USED ON	THIRD ANGLE PROJECTION		SCALE 6:1	DO NOT SCALE DWG SHEET 1 of 1

4

3

2

1