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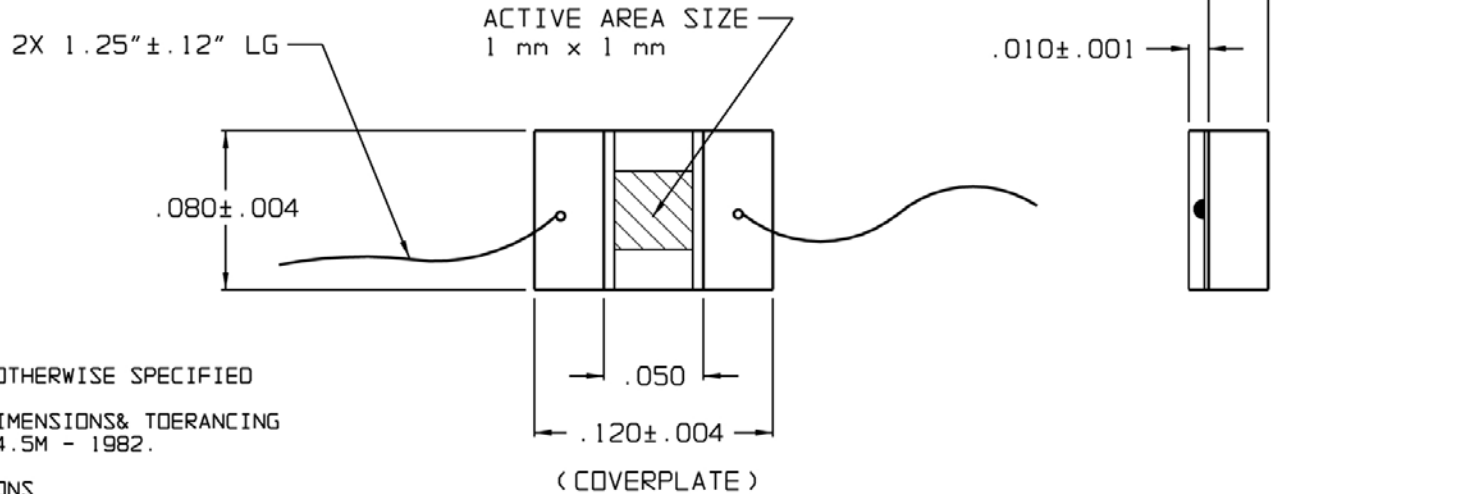
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## REVISIONS

REV	DESCRIPTION	DATE	APPROVED
0	INITIAL RELEASE	09/11/02	WR/DFG



## NOTES: UNLESS OTHERWISE SPECIFIED

1. INTERPRET DIMENSIONS & TOLERANCING IAW ANSI Y14.5M - 1982.
2. SPECIFICATIONS

DETECTOR MATERIAL TYPE: PBS3  
 DETECTOR ACTIVE AREA SIZE: 1.0 mm x 1.0 mm  
 BIAS LOAD RESISTOR: 1 Mohm  
 DETECTOR BIAS: 60 VDC  
 DETECTOR SPECIFICATIONS AT: 25 °C  
 MINIMUM D\* (PEAK, 750Hz, 1Hz): 7.7E10 cmHz<sup>1/2</sup>W<sup>-1</sup>  
 MINIMUM RESPONSIVITY: (PEAK, 750Hz): 300,000 V/W  
 SPECTRAL RESPONSE: 1 - 3.2 μm  
 WAVELENGTH PEAK: 2.5 μm  
 DARK RESISTANCE: 0.5 - 2.5 Mohms  
 TIME CONSTANT: 150 - 350 μs  
 DETECTOR PACKAGE: PLATE CELL W/LEADS

UNLESS OTHERWISE SPECIFIED:  
 DIMENSIONS ARE IN INCHES:  
 TOLERANCES

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

DATE	BY	APPR
09/11/02	K.F.M.	DRN
9/12/02	K.F. MARSHALL	CHK
9/12/2002	FRANK CECI	CHK
-----	N/A	PRJ
9/12/02	WILLIAM ROLLS	PRG APPRVL
12SEP02	D.F. GREENE	QA APPRVL

NEXT ASSY USED ON

DATE	BY	APPR
09/11/02	K.F.M.	DRN
9/12/02	K.F. MARSHALL	CHK
9/12/2002	FRANK CECI	CHK
-----	N/A	PRJ
9/12/02	WILLIAM ROLLS	PRG APPRVL
12SEP02	D.F. GREENE	QA APPRVL

THIRD ANGLE PROJECTION

DATE	BY	APPR
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-----	N/A	PRJ
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12SEP02	D.F. GREENE	QA APPRVL

TELEDYNE JUDSON TECHNOLOGIES  
 A Teledyne Technologies Company

221 COMMERCE DRIVE  
 MONTGOMERYVILLE, PA 18936

TITLE: PS3-0-01, W/LEADS

SIZE: B DWG NO.: 1100012P00 REV: 0

SCALE: 16:1 DO NOT SCALE DWG SHEET: 1 of 1

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