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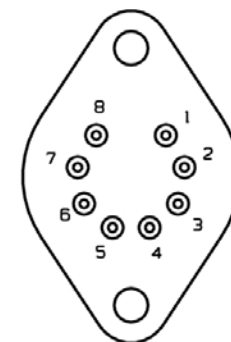
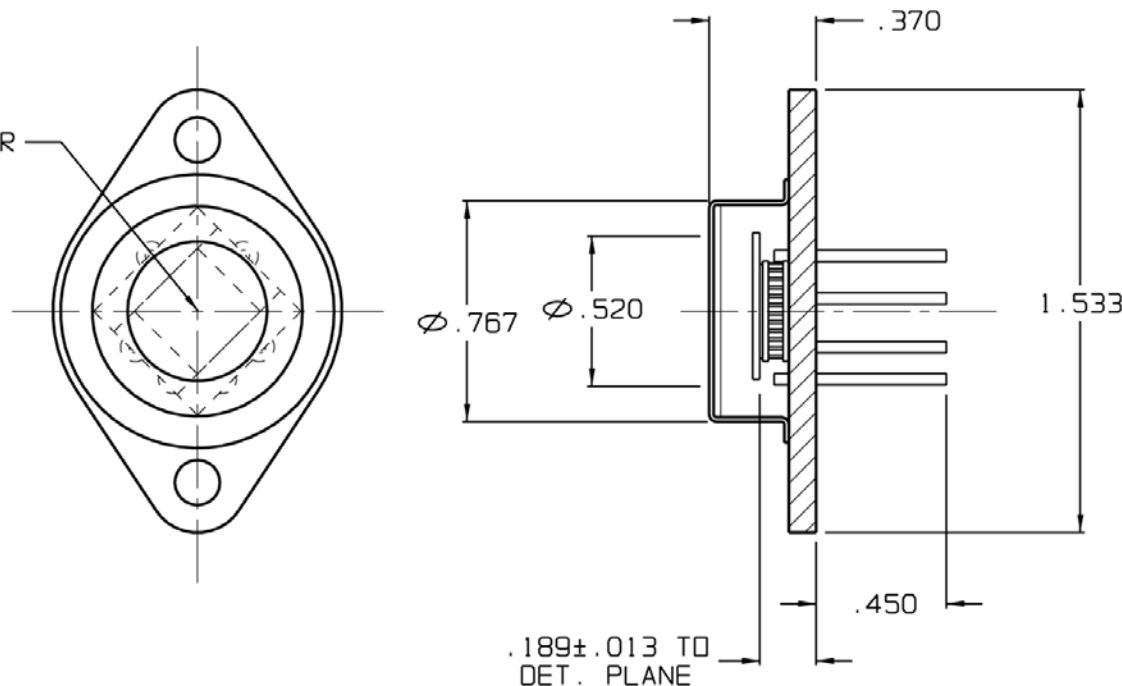
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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
0	INITIAL RELEASE	12/13/01	WR/CM

DETECTOR CENTER POINT

⊕ ∅.015



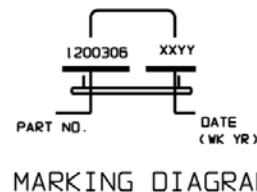
BOTTOM VIEW
PIN FUNCTIONS

- 1 & 6 N/C
- 2 & 5 DETECTOR
- 7 & 8 THERMISTOR
- 3 TEC NEGATIVE
- 4 TEC POSITIVE

NOTES:

1. SPECIFICATIONS:

DETECTOR MATERIAL TYPE: PbS3
 DETECTOR ACTIVE AREA SIZE: 10.0mm x 10.0mm
 DETECTOR TESTED AT: -20° C
 BIAS LOAD RESISTOR: 1 Mohm
 DETECTOR BIAS: 240 VDC
 MINIMUM D* (PEAK, 750Hz, 1Hz): 1.5E11 cmHz^{1/2}W⁻¹
 RESPONSIVITY: (PEAK, 750Hz): 70,000 V/W
 SPECTRAL RESPONSE: 1 - 3.2 μm
 WAVELENGTH PEAK: 2.5 μm
 DARK RESISTANCE: 0.5 - 8 Mohms
 TIME CONSTANT: 500 - 1100 us
 WINDOW MATERIAL TYPE: Sapphire
 DETECTOR PACKAGE: TO-3



MARKING DIAGRAM

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES		DRAWN K.F.M.	DATE 12/13/01	TELEDYNE JUDSON TECHNOLOGIES A Teledyne Technologies Company		221 COMMERCE DRIVE MONTGOMERYVILLE, PA 19036	
TOLERANCES		DESIGN K.F. MARSHALL	DATE 12/14/01	TITLE PS3-1-310			
DECIMALS	ANGULAR	CHECK FRANK CECI	DATE 12/14/2001	SIZE			
.X ± .02	± 1/2°	PROJECT N/A	DATE -----	C	56586	DWG NO.	1200306P00
.XX ± .01		MFG. APPROV. WILLIAM ROLLS	DATE 12/17/01	REV	0		
.XXX ± .005		QA APPROV. CLIVE MASON	DATE 12-21-01	SCALE 3:1			
NEXT ASSY		THIRD ANGLE PROJECTION		00 NOT SCALE DWG SHEET 1 of 1			
USED ON							

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