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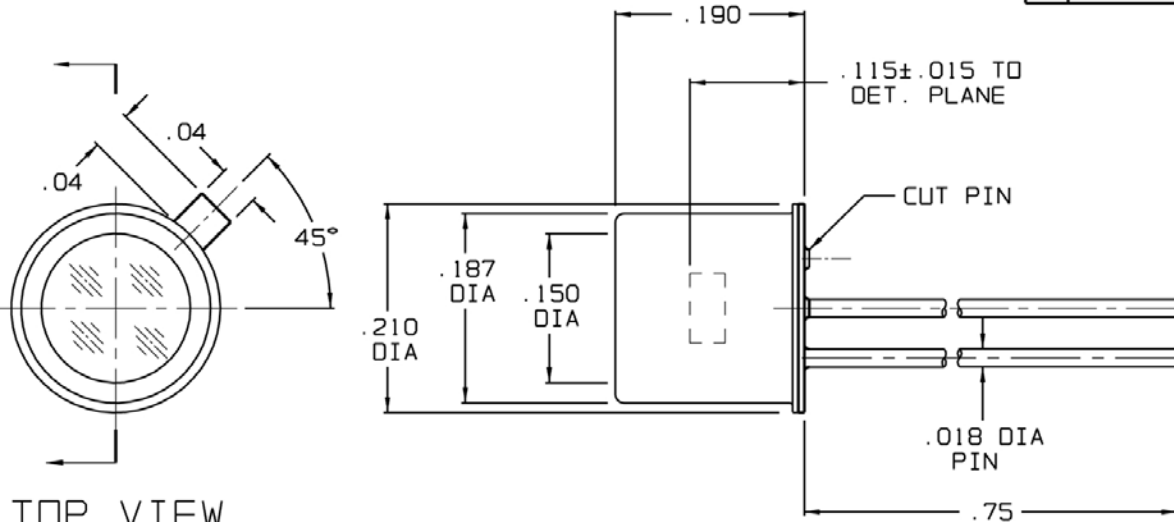
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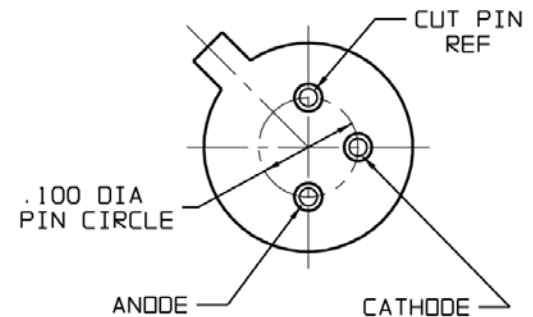
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## REVISIONS

REV	DESCRIPTION	DATE	APPROVED
0	INITIAL RELEASE	04/24/02	WR/DFG
1	CHANGES PER DCN 402986	05/23/02	WR/CM
2	CHANGES PER DCN 403009	06/05/02	WR/DFG



TOP VIEW



BOTTOM VIEW

## NOTES:

1. DETECTOR CENTERED WITHIN  $\pm .005$  ON BASE.

## 2. SPECIFICATIONS:

MATERIAL TYPE:  
ACTIVE AREA SIZE:  
PACKAGE SPECIFICATION:

PV-HgCdTe-2.8  $\mu\text{m}$   
1.0 mm Dia  
T0-18

DETECTOR SPECIFICATION AT:  
BIAS VOLTAGE: 22 °C (Room Temperature)  
MINIMUM D\* (PEAK, 10KHz, 1Hz): 0.0 V (Unless Noted)  
MINIMUM PEAK RESPONSIVITY: 2.5E10  $\text{cmHz}^{1/2}\text{W}^{-1}$   
WAVELENGTH CUTOFF: 1.3  $\mu\text{m}$   
MINIMUM SHUNT IMPEDANCE: 50% at 2.8  $\mu\text{m}$  (Typical)  
MAXIMUM REVERSE BIAS VOLTAGE ( $V_r$ ): 750 ohms  
MAXIMUM DARK CURRENT ( $I_d$ ) AT  $V_r=0.1\text{V}$ : 0.2 Volts  
WINDOW MATERIAL: 0.2 nA  
Sapphire

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES: TOLERANCES		DRWN	DATE
DECIMALS	ANGULAR	K.F.M.	04/24/02
.X $\pm .02$	$\pm 1/2^\circ$	DESIGN	4/24/02
.XX $\pm .01$		CHECK	4/24/2002
.XXX $\pm .005$		PROJECT	N/A
		PRG APPRVL	DATE
		WILLIAM ROLLS	4/24/02
		QA APPRVL	DATE
		D.F. GREENE	4/24/02
NEXT ASSY	USED ON	THIRD ANGLE PROJECTION	

TELEDYNE JUDSON TECHNOLOGIES A Teledyne Technologies Company		221 COMMERCE DRIVE MONTGOMERYVILLE, PA 18936	
TITLE			
J19:2.8-18C-R01M			
SIZE	DWG NO.	REV	
B	56586	440044POD	2
SCALE	DO NOT SCALE DWG		SHEET 1 of 1
8:1			

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