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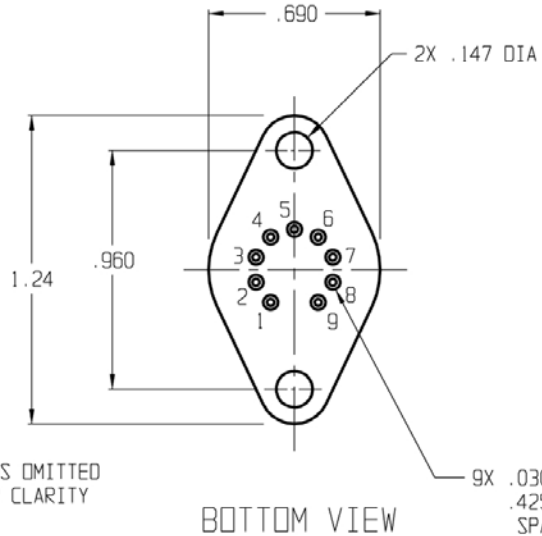
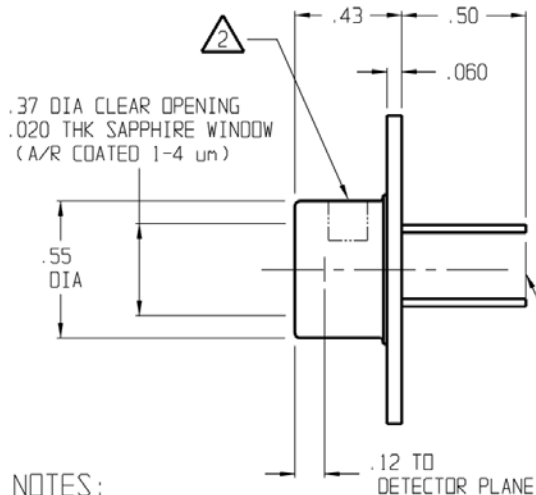
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## REVISIONS

REV	DESCRIPTION	DATE	APPROVED
0	INITIAL RELEASE	10/25/99	WR/DFG



## PIN CHART

PIN	FUNCTION	COLOR CODE
1	COOLER (+)	RED
2	CASE (GND)	CLEAR
3	DETECTOR (+)	GREEN
4	DETECTOR (-)	WHITE
5	THERMISTOR	YELLOW
6	THERMISTOR	YELLOW
7	N/C	CLEAR
8	N/C	CLEAR
9	COOLER (-)	BLACK

## NOTES:

- PIN NUMBERS FOR REF ONLY.
- PRODUCT MARKING.
- MATES WITH P/N 300359 SOCKET, TO-66, 9-PIN.

- MATERIAL TYPE: InAs  
ACTIVE AREA SIZE: 0.250 mm DIAMETER  
PACKAGE SPECIFICATIONS: TO-66  
DETECTOR SPECIFICATIONS AT: -40 °C  
MINIMUM RESPONSE AT 1.3  $\mu\text{m}$ : 0.25 A/W  
MINIMUM PEAK RESPONSE: 1.50 A/W  
MINIMUM DETECTOR SHUNT IMPEDANCE (22 °C): 200 ohms  
MINIMUM DETECTOR SHUNT IMPEDANCE: 12 Kohms  
MINIMUM DETECTIVITY (PEAK, 1.0KHz, 1Hz): 3.2E10  
WINDOW MATERIAL: SAPPHIRE AR COATED 1-6  $\mu\text{m}$

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES:		DESIGN: K.F.M.	DATE: 10/25/99	TELEDYNE JUDSON TECHNOLOGIES A Teledyne Technologies Company		221 COMMERCE DRIVE MONTGOMERYVILLE, PA 18936	
<b>TOLERANCES</b>		DATE: 10/25/99		TITLE: J12TE2-66D-R250U			
DECIMALS	ANGULAR	CHECK: D.BOND/J.L.H.	DATE: 11/4/99	SIZE: B			
.X ± .02	± 1/2°	PROJECT: N/A	DATE: -----	DWG NO: 420083P00		REV: 0	
.XX ± .01		DFG APPROVAL: WILLIAM ROLLS	DATE: 11/8/99	SCALE: 2:1			
.XXX ± .005		DATE APPROVAL: D.F.GREENE	DATE: 11/11/99	DO NOT SCALE DWG		SHEET: 1 of 1	
NEXT ASSY	USED ON	THIRD ANGLE PROJECTION					

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