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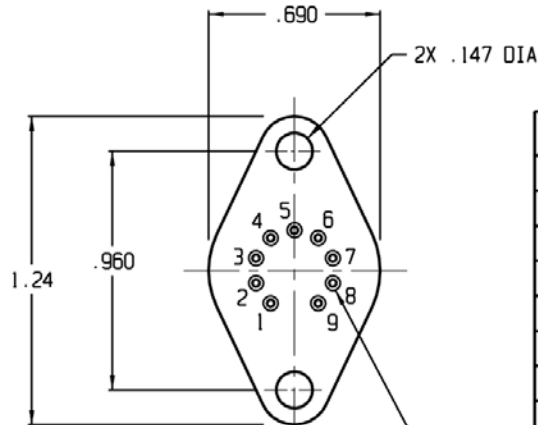
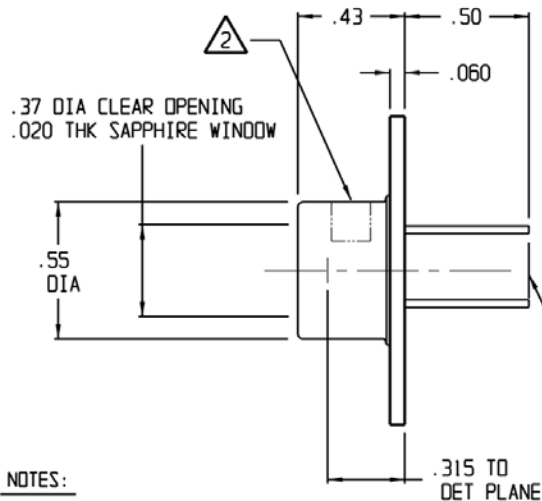
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REVISIONS

REV	DESCRIPTION	DATE	APPROVED
0	INITIAL RELEASE	04/18/02	WR/DFG
1	CHANGES PER DCN 403092	08/05/02	WR/DFG



PIN DESIGNATION

PIN	FUNCTION	COLOR CODE
1	COOLER (+)	RED
2	CASE (GND)	CLEAR
3	DETECTOR ANODE (+)	GREEN
4	DETECTOR CATHODE (-)	WHITE
5	THERMISTOR	YELLOW
6	THERMISTOR	
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.

4. DETECTOR SPECIFICATIONS:

MATERIAL TYPE: PV HgCdTe 5.0 μm
 ACTIVE AREA SIZE: 0.250 mm Dia
 PACKAGE SPECIFICATIONS: TO-66
 DETECTOR SPECIFICATIONS AT: -40 °C
 BIAS VOLTAGE (UNLESS NOTED): 0.0 V
 MAXIMUM REVERSE BIAS VOLTAGE: 0.5 V
 MINIMUM WAVELENGTH CUTOFF (TYPICAL): 50% at 5.0 μm
 MAXIMUM DARK CURRENT: 80 μA
 MINIMUM PEAK RESPONSE: 1.7 A/W
 MINIMUM DETECTOR SHUNT IMPEDANCE: 500 Ohms
 MINIMUM DETECTIVITY (PEAK, 1KHz, 1Hz): 7.48E09

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES:		DATE
DECIMALS	ANGULAR	± 1/2°
.X ± .02		
.XX ± .01		
.XXX ± .005		
DRN	K.F.M.	04/18/02
DESIGN	K.F. MARSHALL	4/18/02
CHECK	FRANK CECI	4/18/2002
PROJECT	HENRY YUAN	4/18/02
FIG APPROV	WILLIAM ROLLS	4/18/02
QA APPROV	D.F. GREENE	4/18/02
NEXT ASSY	USED ON	THIRD ANGLE PROJECTION

TELEDYNE JUDSON TECHNOLOGIES <small>A Teledyne Technologies Company</small>		221 COMMERCE DRIVE MONTGOMERYVILLE, PA 18936	
TITLE			
J19TE2:5-66C-S250U			
SIZE	DWG NO	REV	
B	56586	440016P00	1
SCALE	DO NOT SCALE DWG		SHEET 1 of 1
2:1			

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