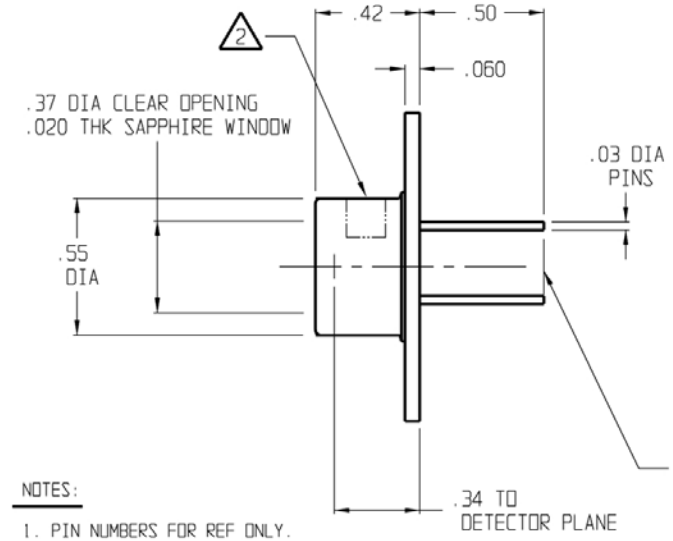
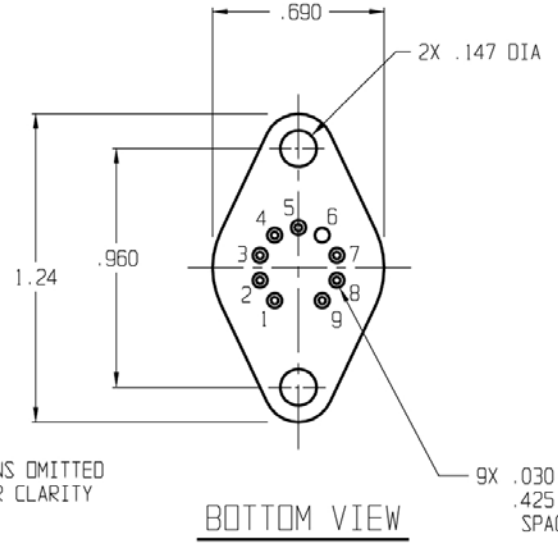
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
0	INITIAL RELEASE	04/15/02	WR/DFG





BOTTOM VIEW

PIN CHART

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

NOTES:

1. PIN NUMBERS FOR REF ONLY.
2. PRODUCT MARKING.
3. MATES WITH P/N 300359 SOCKET, TO-66, 9-PIN.
4. MATERIAL TYPE: PV HgCdTe 2.8 um
   ACTIVE AREA SIZE: 1.0 mm Dia
   PACKAGE SPECIFICATIONS: TO-66
   DETECTOR SPECIFICATIONS AT: -40° C (UNLESS NOTED)
   MINIMUM D* (PEAK,10KHz,1Hz): 2.9E11 cmHz1/2W-1
   MINIMUM RESPONSIVITY (PEAK,900Hz): 1.4 A/W
   PEAK WAVELENGTH (TYPICAL): 2.6 um
   MINIMUM DETECTOR SHUNT IMPEDANCE AT 22° C: 750 ohms
   MINIMUM DETECTOR SHUNT IMPEDANCE: 75 Kohms
   MAXIMUM REVERSE BIAS VOLTAGE (Vr): 0.2 V
   MAXIMUM DARK CURRENT (ID) AT Vr=.1V: 2.0 uA
   WINDOW MATERIAL: Sapphire AR coated 1 - 6 um

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES:
TOLERANCES
DECIMALS: .X ±.02, .XX ±.01, .XXX ±.005
ANGULAR: ± 1/2°

DRAWN	K.F.M.	04/15/02
DESIGN	K.F.MARSHALL	4/15/02
CHECK	FRANK CECI	4/15/2002
PROJECT	HENRY YUAN	4/16/02
MFG APPRVL	WILLIAM ROLLS	4/16/02
QA APPRVL	DON GREENE	4/17/02

NEXT ASSY | USED ON

THIRD ANGLE PROJECTION

TELEDYNE JUDSON TECHNOLOGIES
A Teledyne Technologies Company
221 COMMERCE DRIVE
MONTGOMERYVILLE, PA 18936

TITLE: J19TE2:2.8-66C-R01M

SIZE		DWG NO.	REV
B	56586	440041P00	0

SCALE 2:1 | DO NOT SCALE DWG | SHEET 1 of 1