

4

3

2

1

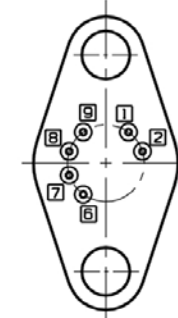
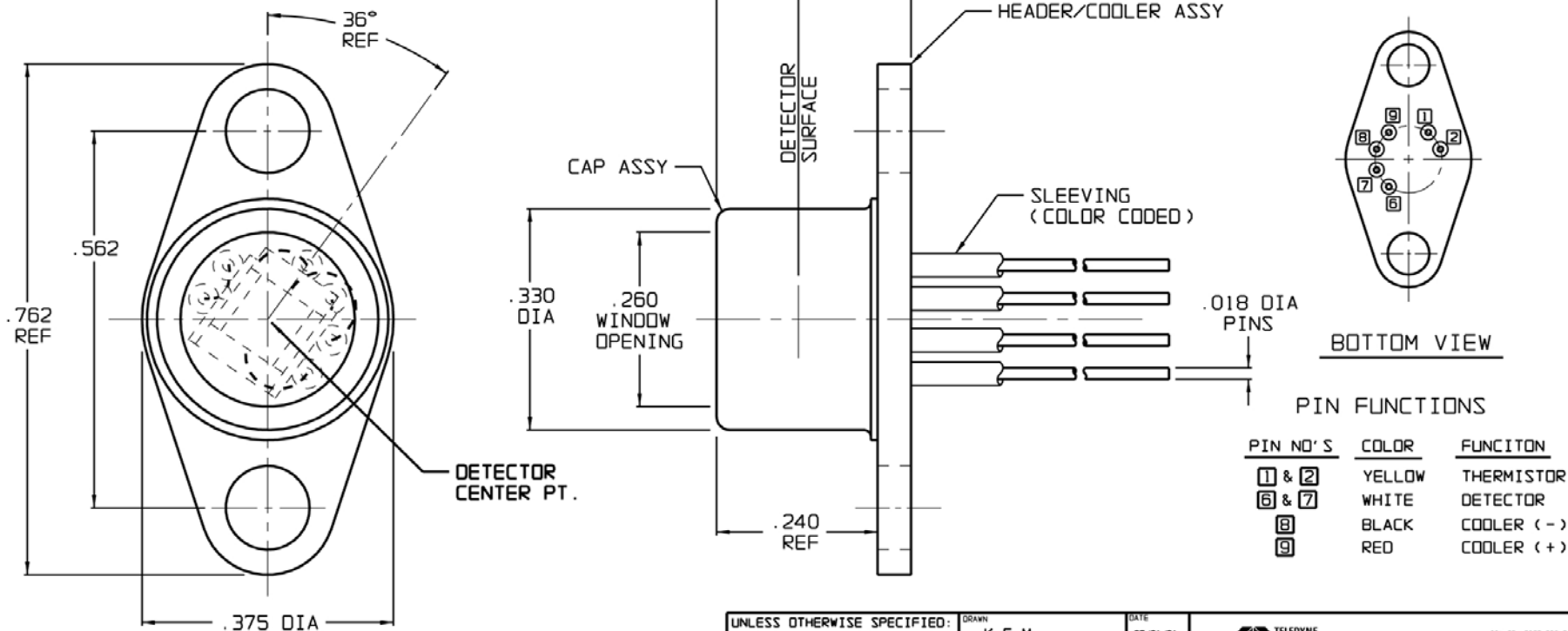
## NOTES: UNLESS OTHERWISE SPECIFIED

1. INTERPRET DWG. PER 000-STD-100C AND 000-D-1000B.

2. DETECTOR MATERIAL TYPE: PbS3  
DETECTOR ACTIVE AREA SIZE: 3.0 mm x 3.0 mm

DETECTOR SPECIFICATIONS AT: -20 °C  
 MINIMUM D\* (PEAK, 750Hz, 1Hz): 1.6 E11 cmHz<sup>1/2</sup> W-1  
 MINIMUM RESPONSIVITY (PEAK, 750Hz): 230,000 V/W  
 SPECTRAL RESPONSE: 1 - 3.2 um  
 WAVELENGTH PEAK: 2.6 um  
 DARK RESISTANCE: 0.6 - 8 Mohms  
 TIME CONSTANT: 500 - 1100 us  
 WINDOW MATERIAL TYPE: SAPPHIRE  
 DETECTOR PACKAGE: TO-37

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
0	INITIAL RELEASE	05/01/01	WR/DFG

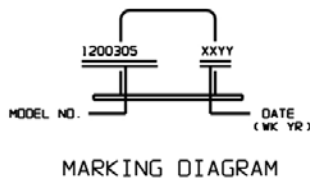


BOTTOM VIEW

## PIN FUNCTIONS

PIN NO'S	COLOR	FUNCTION
1 & 2	YELLOW	THERMISTOR
6 & 7	WHITE	DETECTOR
8	BLACK	COOLER (-)
9	RED	COOLER (+)

TOP VIEW

UNLESS OTHERWISE SPECIFIED:  
DIMENSIONS ARE IN INCHES

DECIMALS	ANGULAR
X ± .02	± 1/2°
XX ± .01	
XXX ± .005	

DRWN	K.F.M.	DATE	05/01/01
DESIGN	K.F. MARSHALL	DATE	5/1/01
CHECK	FRANK CECI	DATE	5/2/2001
PROJECT	M. WALKER	DATE	5/2/2001
MFG APPRVL	WILLIAM ROLLS	DATE	5/11/01
QA APPRVL	D.F. GREENE	DATE	5/18/01
THIRD ANGLE PROJECTION			
NEXT ASSY	USED ON		

TELEDYNE  
JUDSON TECHNOLOGIES  
A Teledyne Technologies Company221 COMMERCE DRIVE  
MONTGOMERYVILLE, PA 18936TITLE  
PS3-1-73

SIZE	DWG NO.	REV
C 56586	1200305POD	0

SCALE 8:1 DD NOT SCALE DWG SHEET 1 of 1