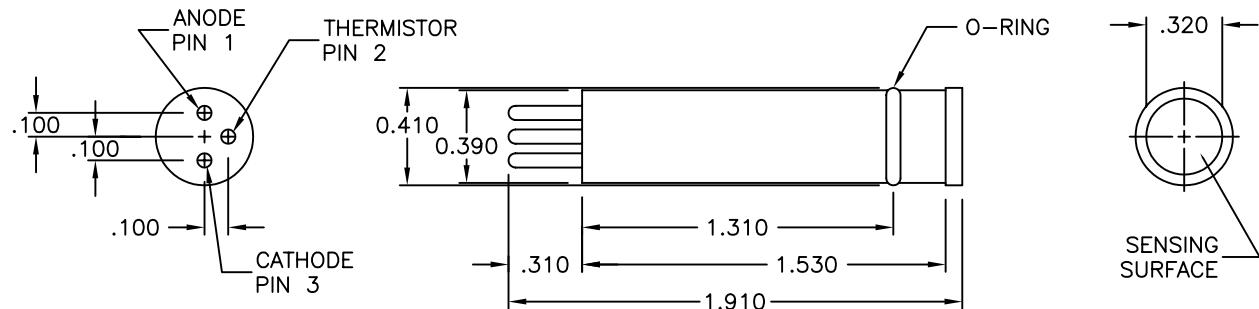


NOTES: UNLESS OTHERWISE SPECIFIED.

- 1) LABEL PER CUSTOMER SPECIFICATION
- 2) CONNECTOR POLARITY: PIN 1 ANODE (-)  
(GOLD PLATED PIN 0.040 O.D.) PIN 2 THERMISTOR  
PIN 3 CATHODE (+)
- 3) TEMPERATURE COMPENSATION ERROR IS  $\pm 5\%$  OF FULL SCALE OVER THE OPERATING TEMPERATURE RANGE. WORST CASE TRACKING ERROR (WITHIN THE FIRST HOUR AFTER A MAXIMUM TEMPERATURE STEP) IS  $\pm 7.5\%$  OF FULL SCALE.
- 4) SENSOR ASSY TO BE BAGGED IN GAS BARRIER BAG
- 5) ASSEMBLY TESTED TO TAI MP-B15443FAM

REVISIONS				
REV	DESCRIPTION	DATE	APP.	REV. BY
0	INIT REL. ECO 97-0036	5-21-97	M.G.	--



SPECIFICATION:

- 1 OUTPUT -  $(0.4 \pm 0.2)$  MICROAMPS) IN AIR AT 25°C, SEA LEVEL
- 2 RANGE 0-100% OXYGEN
- 3 ACCURACY - WITHIN  $\pm 2\%$  OF FULL SCALE AT CONSTANT TEMPERATURE AND PRESSURE
- 4 RESPONSE TIME - LESS THAN 6 SECONDS FOR 90% OF FINAL VALUE.
- 5 OFFSET - LESS THAN 0.5% OF OXYGEN EQUIVALENT AT 25°C (77°F) IN ZERO GAS AFTER 36 SECONDS
- 6 HUMIDITY - 0-99% R.H. (NON-CONDENSING).
- 7 OPERATING TEMPERATURE RANGE - 0°C TO 40°C (32 TO 104°F)
- 8 STORAGE TEMPERATURE - 0°C TO 50°C (32°F TO 122°F)
- 9 AVG. EXPECTED CELL LIFE - 6 MONTHS IN NORMAL USE AT 25°C AND 50% R.H.
- 10 WEIGHT - 0.14 OZ (4.1 GRAMS)

ITEM	QTY	PART No.	DESCRIPTION	
BILL OF MATERIAL				
DO NOT SCALE DWG		THIS DRAWING IS THE PROPERTY OF TELEDYNE ANALYTICAL INSTRUMENTS AND CONTAINS CONFIDENTIAL INFORMATION. IT IS NOT TO BE COPIED, REPRODUCED OR USED WITHOUT WRITTEN PERMISSION.		
TOLERANCE UNLESS OTHERWISE SPECIFIED: ANGULAR $\pm 1/2^\circ$		Teledyne Analytical Instruments A business unit of Teledyne Electronic Technologies CITY OF INDUSTRY, CALIFORNIA 91748		
LINEAR $\begin{cases} .X & = \pm .1 \\ .XX & = \pm .02 \\ .XXX & = \pm .010 \end{cases}$				
SIGNATURES				DATE
S/			TITLE	
N/	DRFT: VFig	5/9/97	POLARGRAPHIC OXYGEN SENSOR CLASS T4 SPEC. CONTROL DWG.	
I/	CHK:			SCALE 2:1
P/	APPR:			SIM -----
O/	ENGR: M. GONZALEZ			SHEET 1 OF 1
F/	S.O.:			
REFERENCE	CAD I.D. B67663-0		MATL.	
			DWG NO.	
			B-67663	
			REV	
			0	