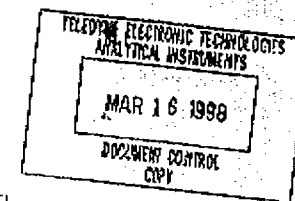


NOTES: UNLESS OTHERWISE SPECIFIED.

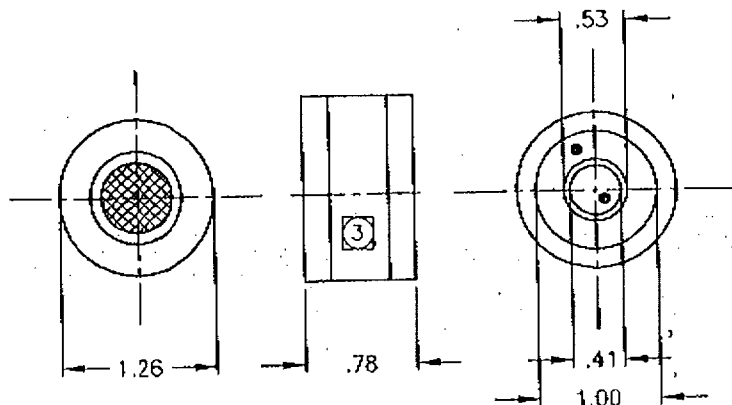
1. BACKPLATE POLARITY: CENTER FOIL NEGATIVE (-)
OUTER FOIL POSITIVE (+)
2. ASSEMBLY PACKAGED IN A GAS BARRIER BAG.
- ③ LABEL A10084R RED
4. .XX = ± 0.10

REVISIONS				
REV	DESCRIPTION	DATE	APP.	REV. BY
2	ECO# 93-267	08/06/93	JML	--
3	ECO# 96-0713	6/11/97	M.L.	JCR



SPECIFICATIONS:

1. OUTPUT - 200 ± 40 uA IN AIR AT 25°C, SEA LEVEL.
2. RANGE - 0-100% OXYGEN (MAX), 0-1% OXYGEN (MIN).
3. ACCURACY WITHIN $\pm 1\%$ OF FULL SCALE AT CONSTANT TEMPERATURE AND PRESSURE.
4. RESPONSE - TIME LESS THAN 7 SECONDS FOR 90% OF FINAL VALUE.
5. OFFSET - $\leq 0.5\%$ OXYGEN EQUIVALENT AT 25°C (77°F) IN ZERO GAS AFTER 42 SECONDS.
6. HUMIDITY - 0-99% R.H. (NON-CONDENSING)
7. OPERATING TEMPERATURE RANGE - 0-40°C (32°-104°F)
8. TEMPERATURE COEFFICIENT OF 2.5% /°C AT 25°C.
9. STORAGE TEMPERATURE - 0-50°C (32°-122°F).
10. AVG EXPECTED CELL LIFE - 18 MONTHS IN AIR @ 25°C AND 50% R.H.
11. C6NM (NON-MAGNETIC) - SPECIAL CONFIGURATION CONTAINING NO MAGNETIC MATERIALS (EG NICKEL)
12. MOTION SENSITIVITY - $\leq \pm 2\%$ OF READING (WORST CASE)
TYPICAL $\leq \pm 5\%$ OF READING AT $\pm 25^\circ\text{C}$



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	TITLE
N/	DRFT: M. VENEGAS	08/06/93	SPEC CONTROL DWG OXYGEN SENSOR CLASS C6NM
I/	CHK:		
P/	APPR:		
O/	ENGR: JAY LAUER		
F/	S.O.:		
REFERENCE	CAD I.D. B53204-3		
		MATL	NOTED
		DWG NO.	B-53204
		SCALE	NONE
		SIM	NONE
		SHEET	1 OF 1
		REV	3