

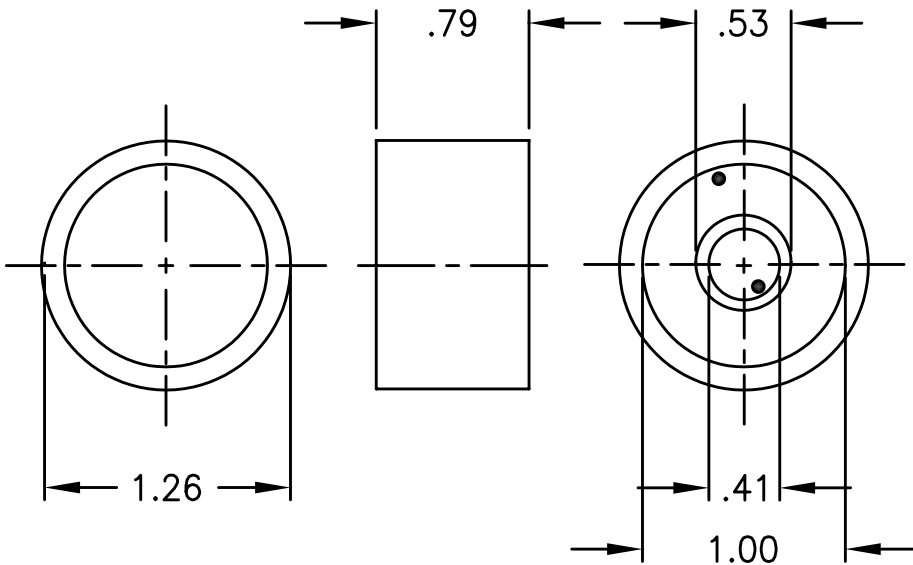
NOTES: UNLESS OTHERWISE SPECIFIED

1. LABEL A-10084-F (RED).
2. BACKPLATE POLARITY:
 CENTER FOIL NEGATIVE (-)
 OUTER FOIL POSITIVE (+)
3. ASSEMBLY PACKAGED IN A GAS BARRIER BAG.

REVISIONS				
REV	DESCRIPTION	DATE	APP.	REV. BY
3	ECO# 96-0713	6/11/97	MG	JCR
4	INC ECO 98-0333	7-7-98	JML	VF

SPECIFICATIONS

1. OUTPUT $210 \pm 50\text{mA}$ IN AIR AT 25°C & AT 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. 90% RESPONSE TIME ≤ 30 SECONDS FOR 90% OF FINAL VALUE.
5. OFFSET $\leq 0.5\%$ OXYGEN EQUIVALENT AT 25°C (77°F) IN ZERO GAS AFTER 3 MINUTES.
6. HUMIDITY - 0-99% RH (NON-CONDENSING).
7. OPERATING TEMPERATURE RANGE $0^\circ\text{-}40^\circ\text{C}$ ($32^\circ\text{-}104^\circ\text{F}$)
8. TEMPERATURE COEFFICIENT OF $2.5\%/^\circ\text{C}$ AT 25°C .
9. STORAGE TEMPERATURE - $0\text{-}50^\circ\text{C}$ ($32^\circ\text{-}122^\circ\text{F}$).
10. AVG EXPECTED LIFE IN AIR @ 25°C AND 50% RH = 18 MONTHS.
11. WEIGHT - .9oz. (26gm).



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 ELECTRONIC TECHNOLOGIES <i>Analytical Instruments</i> <small>An Allegheny Teledyne Company</small> CITY OF INDUSTRY, CALIFORNIA 91748							
LINEAR $\begin{cases} .X & = \pm .1 \\ .XX & = \pm .02 \\ .XXX & = \pm .005 \end{cases}$									
S/	SIGNATURES		DATE	TITLE SPEC CONTROL DWG OXYGEN SENSOR CLASS C-3	SCALE	NONE			
N/	DRFT: M.VENEGAS		5/17/93		SIM	-----			
P/	CHK:				SHEET	1 OF 1			
I/	APPR:								
F/	ENGR: JAT LAUER								
O/	S.O.:								
REFERENCE	CAD I.D. A59451-4			MATL.	NOTED	DWG NO.	A-59451	REV	4