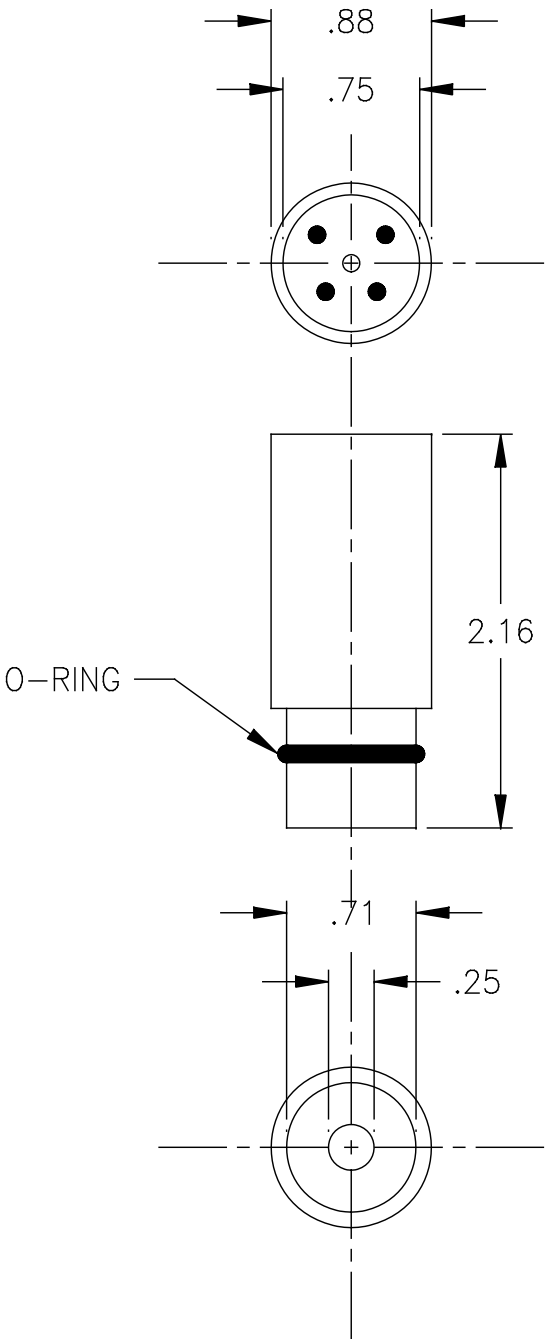



- NOTES: UNLESS OTHERWISE SPECIFIED.
1. LABEL A-39637 BLACK (REVERSE PRINT).
 2. ASSEMBLE PACKAGE IN A GAS BARRIER BAG.

REVISIONS				
REV	DESCRIPTION	DATE	APP.	REV. BY
0	GEN PER ECO# 96-666	4/16/97	M.G.	--
1	INC ECO 98-0192	4-14-98	JML	VF



SPECIFICATIONS

1. OUTPUT - (0.4 ± 0.1 MICROAMPERES) 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. 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 $\pm 10\%$ OF FULL SCALE WHEN CONNECTED TO PROPER AMPLIFIER CIRCUIT.
5. RESPONSE - LESS THAN 6 SECONDS FOR 90% OF FINAL VALUE.
6. OFFSET - LESS THAN 0.5% OXYGEN EQUIVALENT AT 25°C (77°F) IN ZERO GAS AFTER 36 SECONDS.
7. HUMIDITY - 0 TO 99% R.H. (NON-CONDENSING).
8. OPERATING TEMPERATURE RANGE - 0 TO 40°C (32 TO 104°F).
9. STORAGE TEMPERATURE - 0 TO 50°C (32 TO 122°F).
10. EXPECTED CELL LIFE - 12 MONTHS IN AIR AT 25°C & 50% R.H..
11. WEIGHT - 0.53 oz. (15 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 $\pm 1/2^\circ$ <div>LINEAR $\begin{cases} .X & = \pm .1 \\ .XX & = \pm .02 \\ .XXX & = \pm .010 \end{cases}$</div>			<div>TELEDYNE ELECTRONIC TECHNOLOGIES <i>Analytical Instruments</i> <small>An Allegheny Teledyne Company</small> CITY OF INDUSTRY, CALIFORNIA 91748</div>			
S/	SIGNATURES		DATE	TITLE MICRO—FUEL CELL CLASS R13 SPEC. CONTROL DWG.		
N/	DRFT: JOHN REYES		07/23/96			
I/	CHK:					
P/	APPR:					
O/	ENGR: M. GONZALEZ					
F/	S.O.:		MATL.	NOTED	DWG NO. B—66808	REV
REFERENCE	CAD I.D. B66808—1					1