

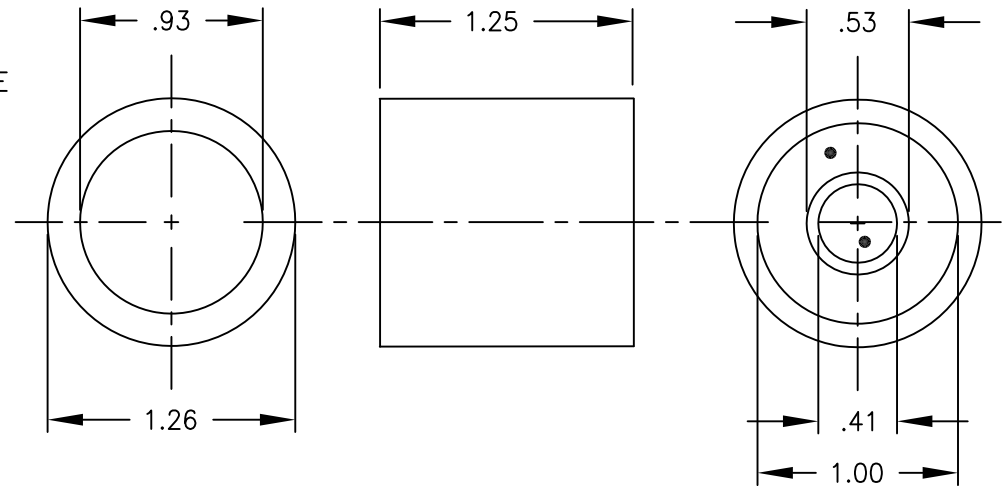
NOTES: UNLESS OTHERWISE SPECIFIED

1. LABEL A-78641
2. BACKPLATE POLARITY:  
 CENTER FOIL NEGATIVE (-)  
 OUTER FOIL POSITIVE (+)
3. ASSEMBLE PACKAGE IN TWO GAS BARRIER BAGS.

SPECIFICATIONS

1. OUTPUT - (462±170 MICROAMPS) IN AIR AT 25° C, SEA LEVEL.
2. RANGE - 0-1% OXYGEN (MAX), 0-10 PPM OXYGEN (MIN).
3. ACCURACY - WITHIN ±2% OF FULL SCALE AT CONSTANT TEMPERATURE AND PRESSURE.
4. RESPONSE TIME
  - LESS THAN 30 SECONDS FOR 90% ON 0-10,000 PPM RANGE
  - LESS THAN 60 SECONDS FOR 90% ON 0-1000 PPM RANGE
  - LESS THAN 90 SECONDS FOR 90% ON 0-100 PPM RANGE
  - LESS THAN 120 SECONDS FOR 90% ON 0-10 PPM RANGE
 NOTE: WORST CASE, DEPENDS ON INSTRUMENT BEING USED.
5. OFFSET - LESS THAN OR EQUAL TO ±1 PPM (IN NITROGEN), VALUE DEPENDS ON THE BACKGROUND GAS AND INSTRUMENT BEING USED.
6. H2S TOLERANCE- INTERMITTENT: 1000 PPM.  
 - CONTINUOUSLY: 100 PPM.
7. CO2 INTERFERENCE - CONTINUOUS: <1000 PPM; SPOT CHECK: 1%
  - SPOT CHECK EXPOSURE IS LIMITED TO 20 MINUTES OR LESS;
  - AFTER EXPOSURE, THE CO2 CONTAINING GAS SHOULD BE PURGED OUT.
8. HUMIDITY - 0 TO 99% R.H. (NON-CONDENSING).
9. OPERATING TEMPERATURE RANGE - 0 TO 40°C (32 TO 104°F).
10. TEMPERATURE COEFFICIENT - (2.5%/°C) AT 25°C.
11. STORAGE TEMPERATURE - 0 TO 50°C (32 TO 122°F).
12. EXPECTED CELL LIFE - 6 MONTHS IN DRY GAS AT 25°C.
13. WEIGHT - 1.1 oz. (32 GRAMS).

REVISIONS				
REV	DESCRIPTION	DATE	APP.	REV. BY
0	INITIAL REL. PER ECO 06-0058	04/21/06	MG	MN



ITEM	QTY	PART NO.	DESCRIPTION				
BILL OF MATERIAL							
DO NOT SCALE DWG		THIS DRAWING IS THE PROPERTY OF TELEDYNE INSTRUMENTS AND CONTAINS CONFIDENTIAL INFORMATION. IT IS NOT TO BE COPIED, REPRODUCED OR USED WITHOUT WRITTEN PERMISSION.					
TOLERANCE UNLESS OTHERWISE SPECIFIED: ANGULAR ±1/2°		<b>TELEDYNE INSTRUMENTS</b> <i>Analytical Instruments</i> A Teledyne Technologies Company City of Industry, California, 91748, USA					
LINEAR <table style="display: inline-table; vertical-align: middle;"> <tr><td>┌.X</td><td>= ±.1</td></tr> <tr><td>└.XX</td><td>= ±.02</td></tr> <tr><td>└.XXX</td><td>= ±.005</td></tr> </table>				┌.X	= ±.1	└.XX	= ±.02
┌.X	= ±.1						
└.XX	= ±.02						
└.XXX	= ±.005						
S/	SIGNATURES		DATE				
N/	DRFT: MG	02/02/06					
P/	CHK:						
I/	APPR:						
F/	ENGR: MG						
O/	C.O.:						
REFERENCE	CAD I.D. A78643-0						
TITLE			SCALE NONE				
MICRO-FUEL CELL CLASS B2CHS SPEC. CONTROL DWG.			SIM NONE				
			SHEET 1 OF 1				
MATERIAL NOTED		DWG NO. A-78643	REV 0				