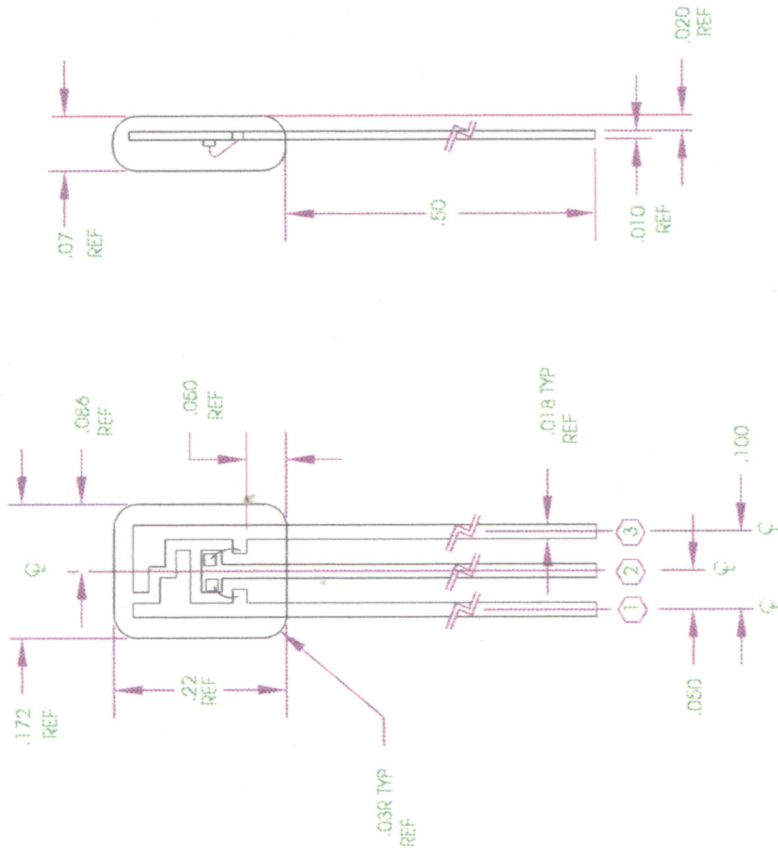


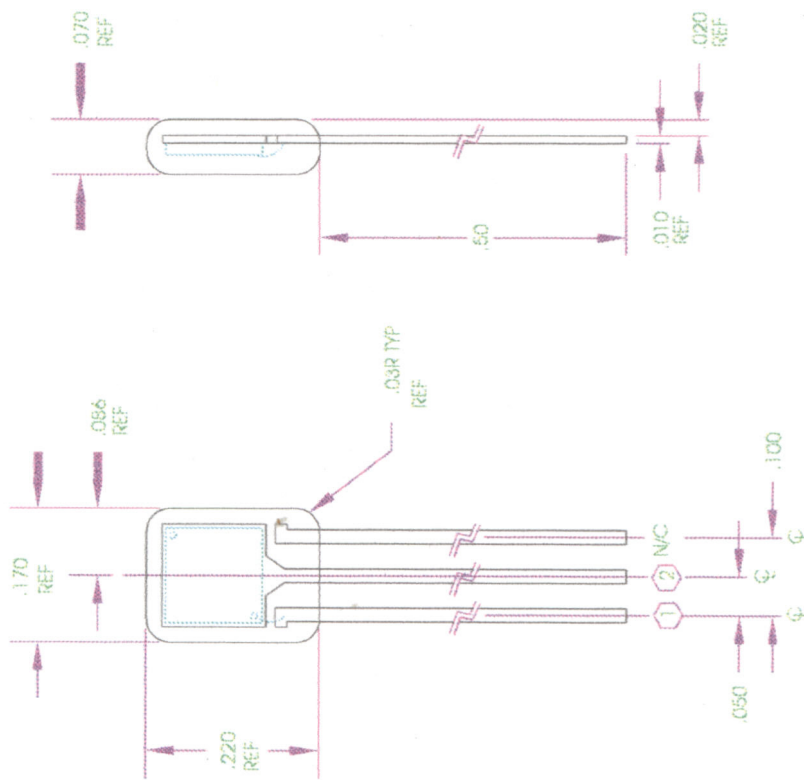
SCHEMATIC DIAGRAM

FINISHED PART

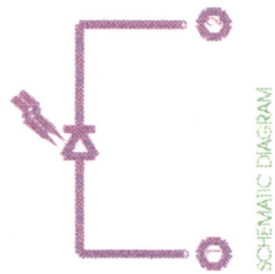
 1840 LOGAN AVENUE, COOPTHAM, CA 94029		TITLE LED ASSEMBLY	
FINISH		REV REVISION LETTER	
MATERIAL		DWG NO. DRAWING NUMBER	
A. REMOVE ALL BURRS B. MACHINE SURFACES AS SHOWN C. BREAK ALL SHARP EDGES .010 MAX D. DIMENSIONS PER ANSI Y14.5 E. DIMENSIONS ARE IN INCHES F. DO NOT SCALE DRAWING		SCALE: SIZE: B SHEET B OF B	
G. TOLERANCES ON DECIMALS .XX 2X TOLERANCE .XXX 3X TOLERANCE		ANGLE TOLERANCE ANGLES 2X TOLERANCE	

NOTES: UNLESS OTHERWISE SPECIFIED.

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FINISHED PART



SCHEMATIC DIAGRAM



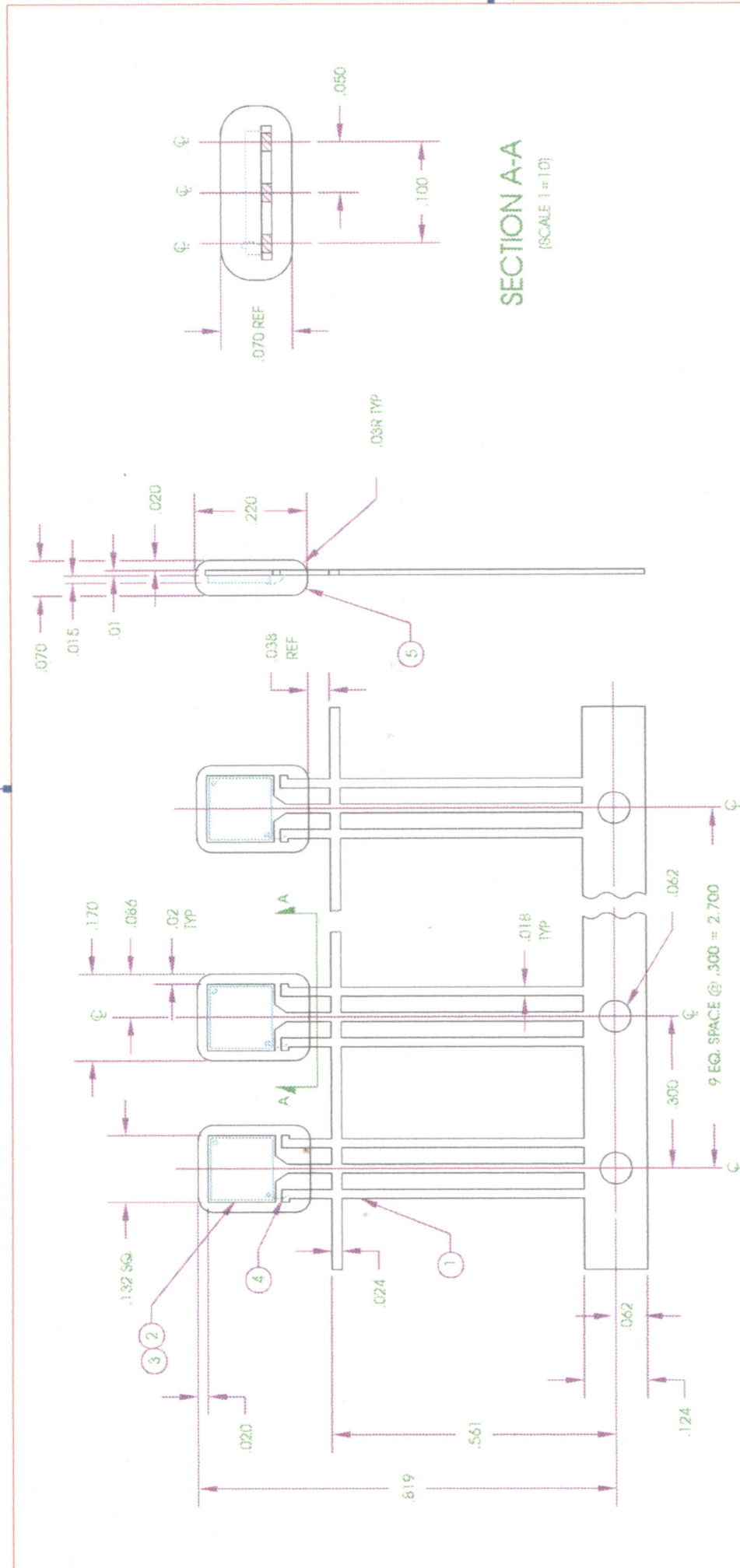
TITLE		DRAWING NUMBER		REV	
DETECTOR ASSEMBLY				REVISION LETTER	
SCALE:	SIZE: B	SHEET		OF	

G. TOLERANCES ON DECIMALS		ANGLES	
XX		2X TOLERANCE	
XXX		3X TOLERANCE	

A. REMOVE ALL BURRS		D. DIMENSIONS PER ANSI Y14.5	
B. MACHINE SURFACES .63		E. DIMENSIONS ARE IN INCHES	
C. BREAK ALL SHARP EDGES .010 MAX		F. DO NOT SCALE DRAWING	

NOTES: UNLESS OTHERWISE SPECIFIED.

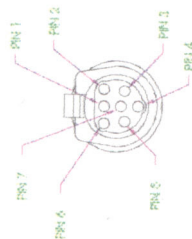
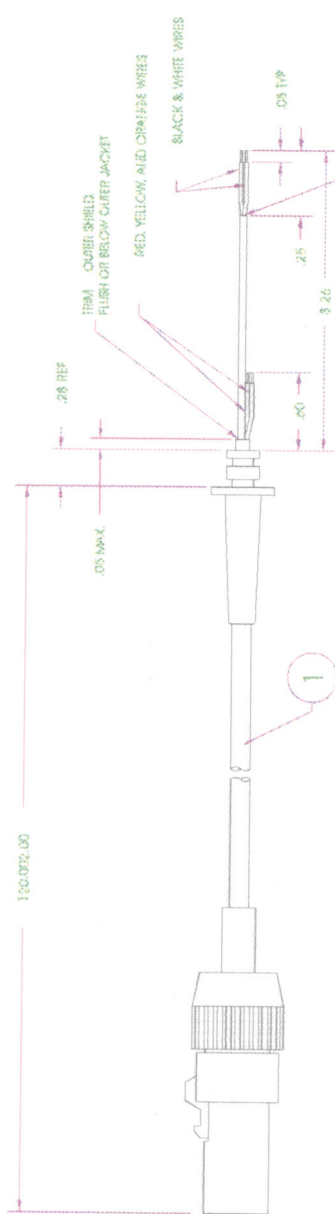
Form ENG023 (04/93)



FINISH A. REMOVE ALL BURRS B. MACHINE SURFACES .03 C. BREAK ALL SHARP EDGES .010 MAX D. DIMENSIONS PER ANSI Y14.5 E. DIMENSIONS ARE IN INCHES F. DO NOT SCALE DRAWING		MATERIAL G. TOLERANCES ON DECIMALS XX .2X TOLERANCE XXX .3X TOLERANCE ANGLES ANGLES ANGLE TOLERANCE		REVISION LETTER REV SHEET OF	
PROBE P876 RA 03/25/98		SECTION A-A (SCALE 1=10)		REVISION LETTER REV SHEET OF	
PROBE P876 RA 03/25/98		SECTION A-A (SCALE 1=10)		REVISION LETTER REV SHEET OF	
PROBE P876 RA 03/25/98		SECTION A-A (SCALE 1=10)		REVISION LETTER REV SHEET OF	

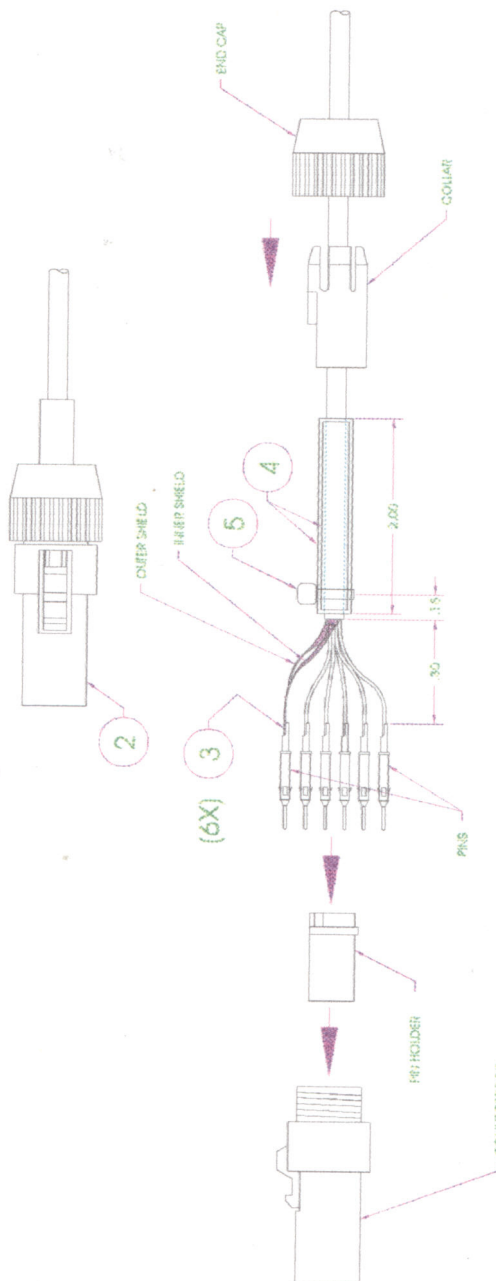
5. NO CRACK ALLOWED ON MOLDED PART.
 4. NO BUBBLE GREATER THAN 7 MIL ALLOWED ON ACTIVE AREA AND GREATER THAN 1.4 MIL OTHER THAN ACTIVE AREA.
 3. MOLDED PART SHOULD MEET 80/50 SCRATCHING CRITERIA.
 2. MOLDED PART SHOULD BE FREE OF FLASHES.

NOTES: UNLESS OTHERWISE SPECIFIED.



WIRING CHART

PIN #	PIN #
1	ORANGE
2	RED
3	BLACK
4	WHITE
5	SHIELD (OUTER/INNER)
6	YELLOW
7	N/C



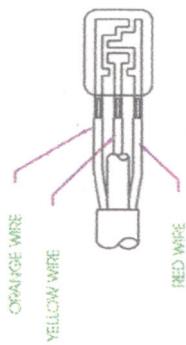
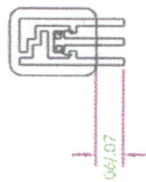
CONNECTOR ASSEMBLY DETAILS

140 LODAY AVENUE, COSTA MESA, CA 92626		REV REVISION LETTER	
TITLE CABLE ASSEMBLY		DWG NO. DRAWING NUMBER	
SCALE:		SIZE: B	SHEET OF 1
FINISH		DO NOT SCALE DRAWING	
MATERIAL		ANGLES	
A. REMOVE ALL BURRS B. MACHINE SURFACES AS SHOWN C. BREAK ALL SHARP EDGES .010 MAX D. DIMENSIONS PER ANSI Y14.6 E. DIMENSIONS ARE IN INCHES F. DO NOT SCALE DRAWING		G. TOLERANCES ON DECIMALS .XX 2X TOLERANCE .XXX 3X TOLERANCE	

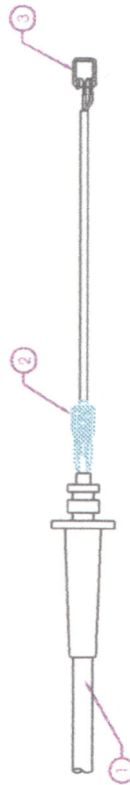
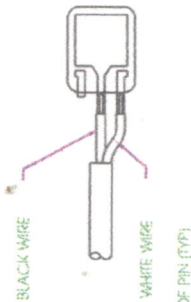
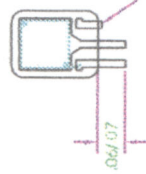
NOTES: UNLESS OTHERWISE SPECIFIED.

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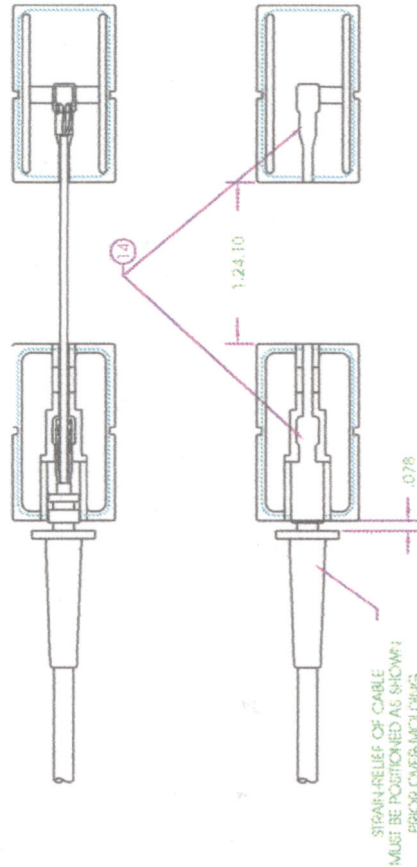
EMITTER



DETECTOR



CERAMIC ASSEMBLY (LED/DET) TO CABLE

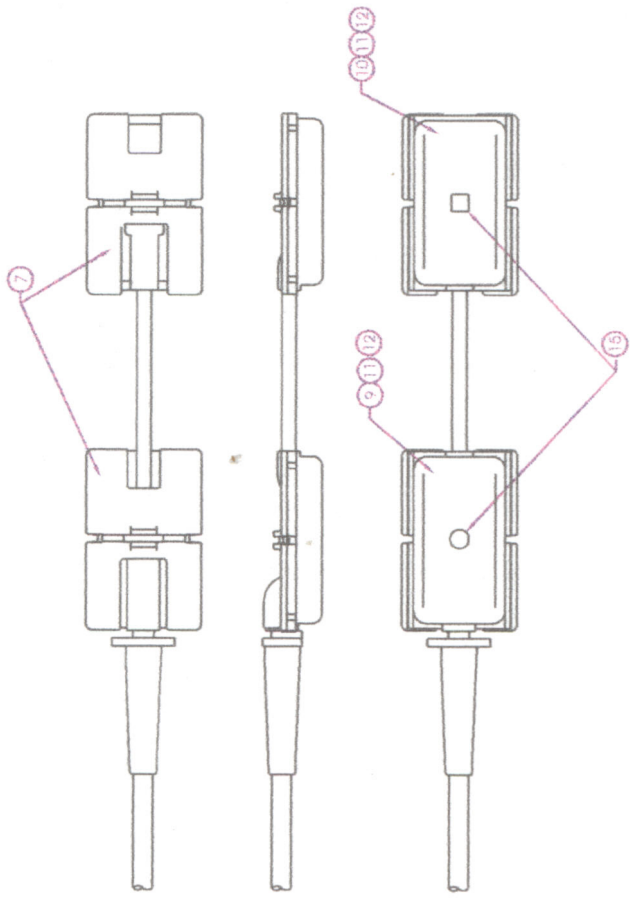


CABLE ASSEMBLY TO POUCH

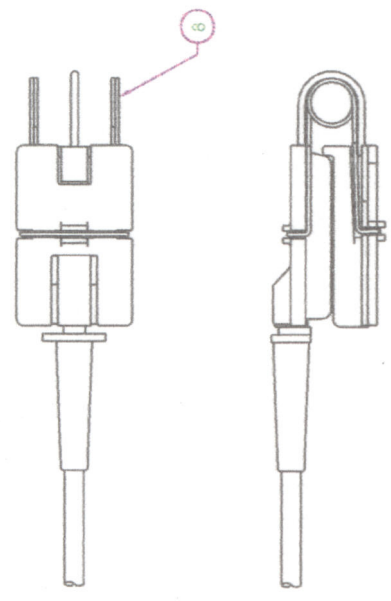
NOTES: UNLESS OTHERWISE SPECIFIED.

		TITLE: FINAL ASSEMBLY	
DWG NO.	DRAWING NUMBER	REV	REVISION LETTER
SCALE:	SIZE: B	SHEET	OF
FINISH		DOE FILE NAME:	
MATERIAL		DOE FILE NAME:	
A. SAMPLE ALL BIRDS B. MACHINE SURFACES AS C. BREAK ALL SHARP EDGES .010 MAX D. DIMENSIONS PER ANSI Y14.5 E. DIMENSIONS ARE IN INCHES F. DO NOT SCALE DRAWING		G. TOLERANCES ON DECIMALS .XX 2X TOLERANCE .XXX 3X TOLERANCE	
ANGLES .XX 2X TOLERANCE .XXX 3X TOLERANCE		ANGLES .XX 2X TOLERANCE .XXX 3X TOLERANCE	

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FRAME TO POUCH/CABLE ASSEMBLY

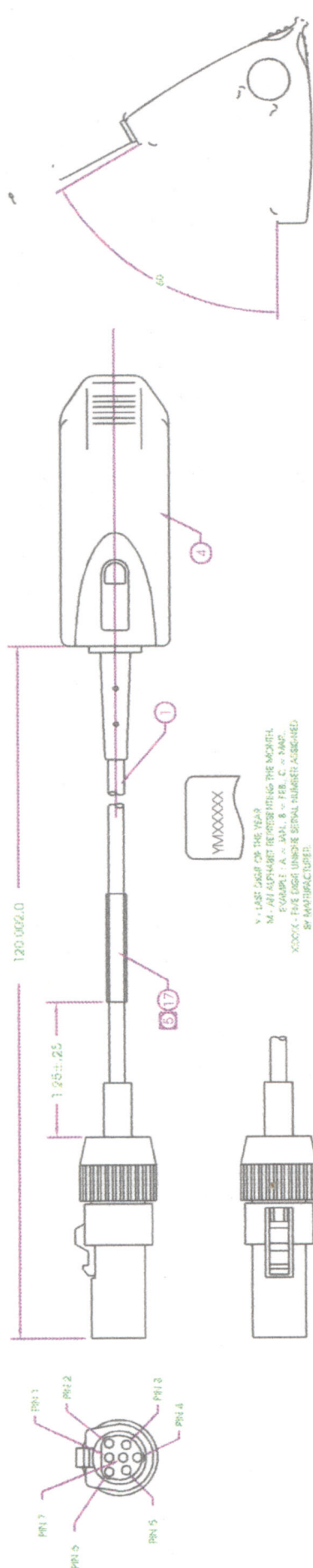


SPRING TO POUCH ASSEMBLY

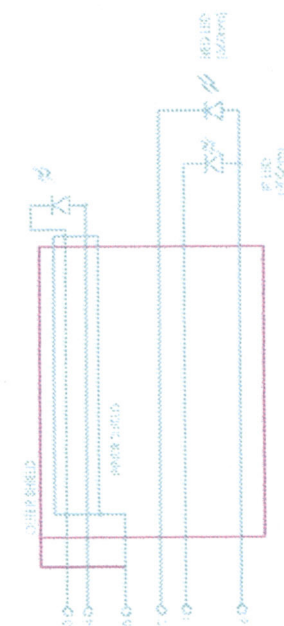
 1840 LEBLAN AVENUE, COVINGTON, MISSISSIPPI 39426		FINAL ASSEMBLY	
FINISH		TITLE	
MATERIAL		DWG NO.	
A. REMOVE ALL BURRS B. MACHINE SURFACES AS C. BREAK ALL SHARP EDGES .010 MAX D. DIMENSIONS ARE IN INCHES E. DIMENSIONS ARE IN INCHES F. DO NOT SCALE DRAWING		SCALE:	
G. TOLERANCES ON DECIMALS .XX .XXX .XXX		ANGLE TOLERANCE ANGLES 2X TOLERANCE 3X TOLERANCE	
REV		REVISION LETTER	
SHEET		OF OF	
SIZE:		B	
DOE FILE NAME		DOE FILE NAME	

NOTES: UNLESS OTHERWISE SPECIFIED.

Form ENG023 (04/93)



DETAIL A



SCHEMATIC

- 1. PRINT SERIAL NUMBER AND DATE CODE ON LABEL. SEE DETAIL A.
- 2. PRIOR APPLYING LEAD DEFLASH AND CLEAN BOTH WIRING FOR BETTER BONDING.
- 3. PRIOR TO APPLYING SILICONE EPOXY (ITEM 11) TO TOP/BOTTOM FRAMES, TREAT BONDING AREA OF TOP/BOTTOM FRAME WITH PRIMER (ITEM 12).
- 4. NO EPOXY (ITEM 16) ALLOWED ON SURFACE OF PROBE. DO NOT APPLY EXCESSIVE EPOXY.

NOTES: UNLESS OTHERWISE SPECIFIED.

Form ENG023 (04/93)



100% LEAD BY ANALYSIS, CONFORMS TO AREA OF 20007

TITLE

FINAL ASSEMBLY

DWG NO.

SCALE:

DRAWING NUMBER

SIZE: B

SHEET

SHEET OF

REV

REVISION LETTER

DWG FILE NAME

DWG FILE NAME

Probe P876 RA 03/25/98