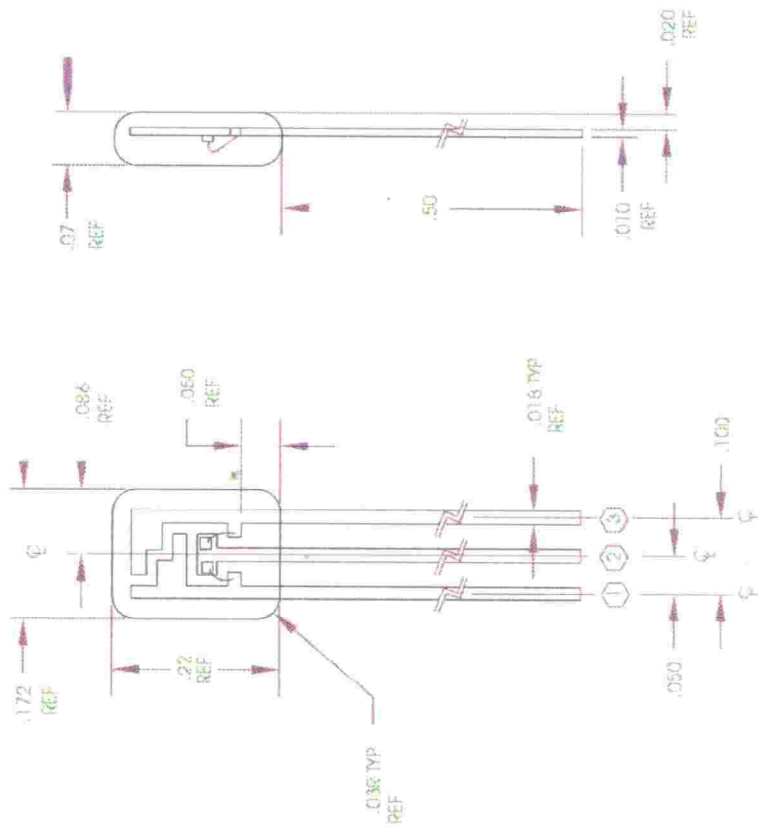


SCHEMATIC DIAGRAM

FINISHED PART



ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

LED ASSEMBLY

TITLE

DRAWING NUMBER

A38

ON LETTER

SCALE

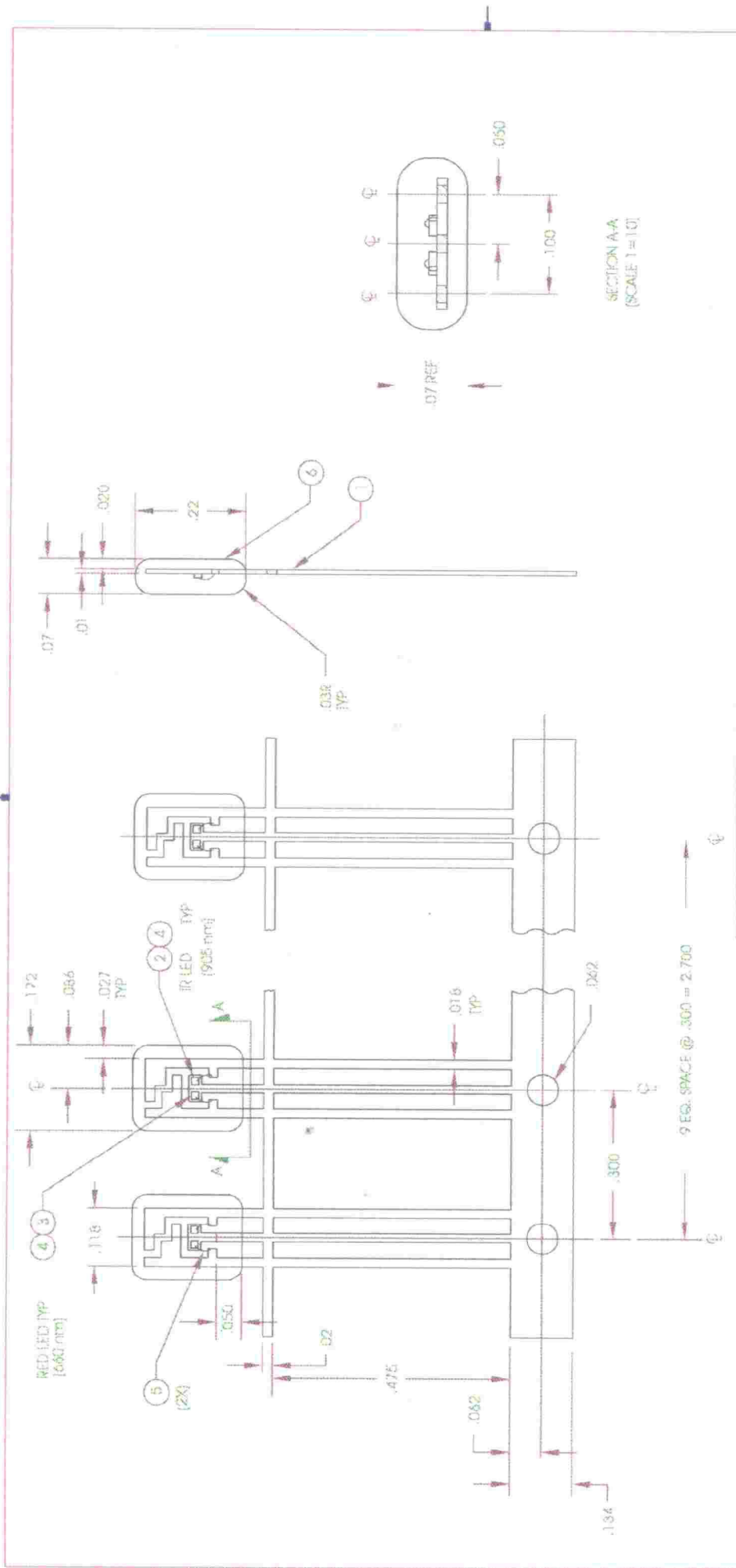
SIZE: 3

FOI b7D

FOI b7D

Form ENG023 (04/93)

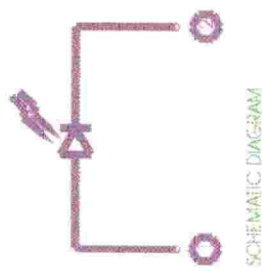
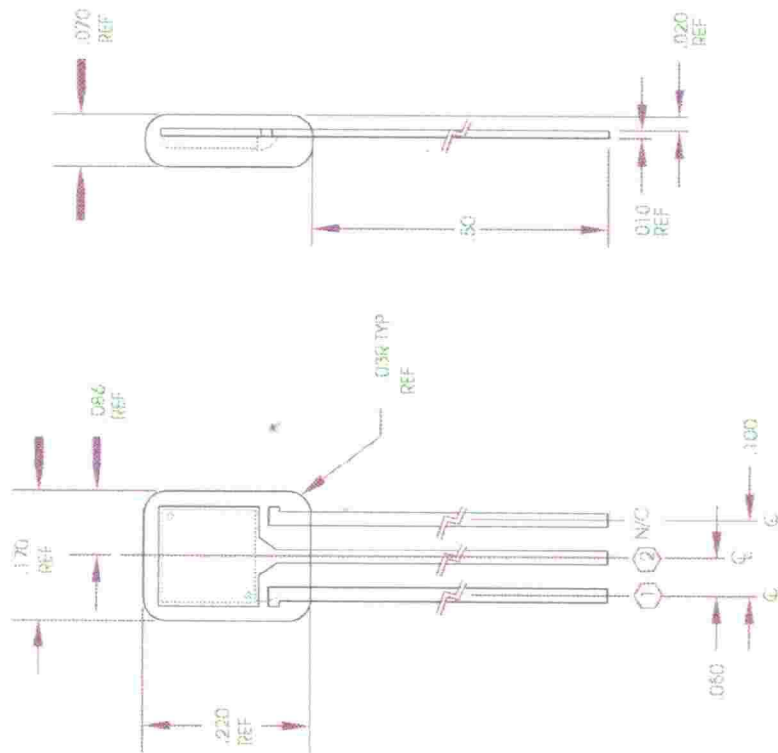
Probe P862 RA 03/25/98



FINISH A. POLISH ALL SURF. B. MACHINE SURF. AS SHOWN C. BREAK ALL SHARP EDGES TO 10 MAX D. DIMENSIONS FROM TILES E. DIMENSIONS ARE IN INCHES F. DIMENSIONS IN MILLIMETERS		MATERIAL A. TOLERANCES ON DIMENSIONS XX 2X TOLERANCE XXX 3X TOLERANCE ANGLE TOLERANCE ANGLE		REVISION LETTER REV SHEET OF	
TITLE LED ASSEMBLY		DWG NO. DRAWING NUMBER		SIZE B	
SCALE		FILE NAME		DATE	

4. NO CRACK ALLOWED ON MOLDED PART.
3. MOLDED PART SHOULD MEET 80/50 SCRATCH/DING CRITERIA.
2. MOLDED PART SHOULD BE FREE OF FLASHES.

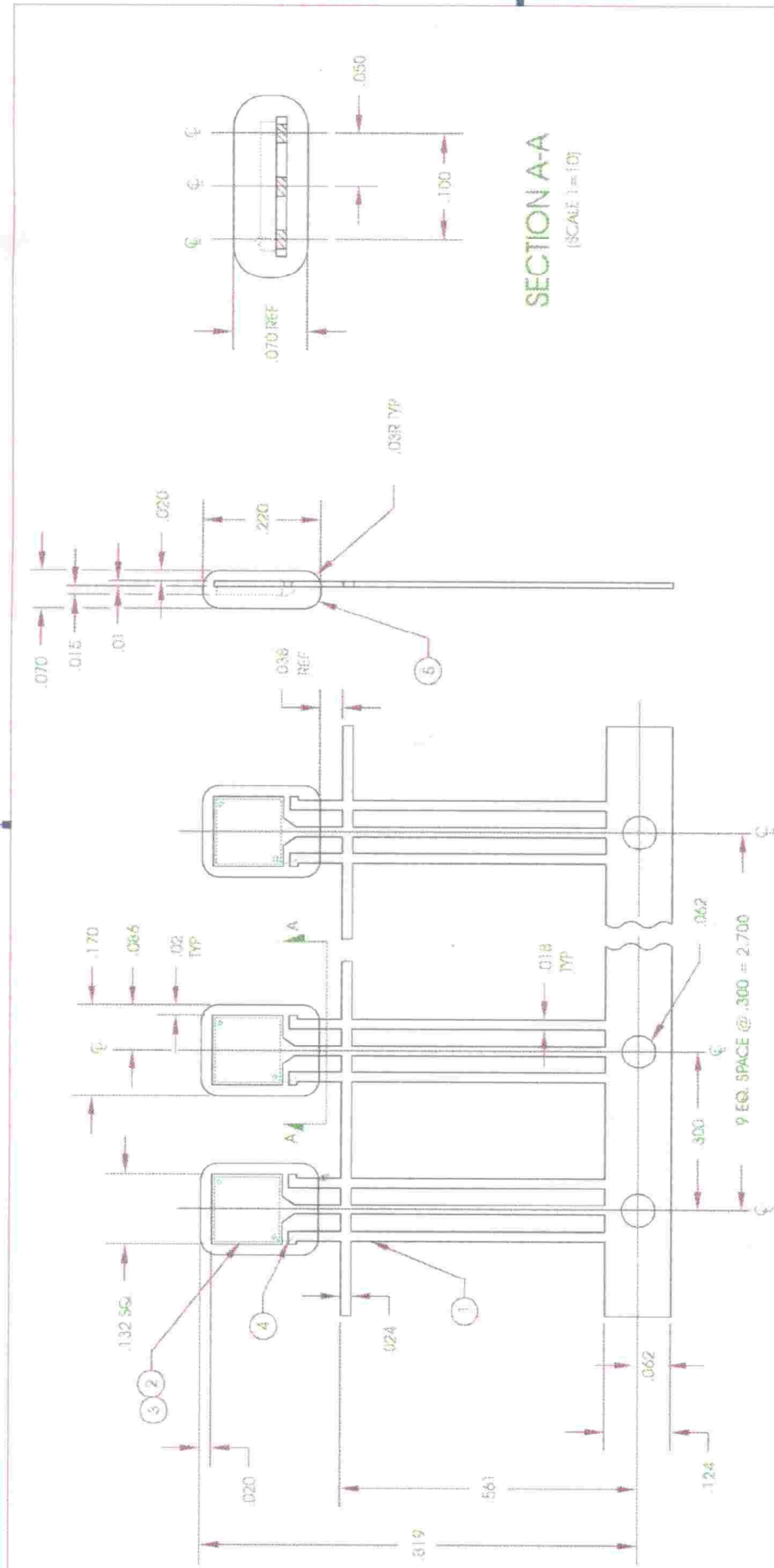
NOTES: UNLESS OTHERWISE SPECIFIED.



 1000 LEE AVENUE, NORTH WEAVER, MA 01850		TITLE		DETECTOR ASSEMBLY	
		DWG NO.	DRAWING NUMBER	REV	REVISION LETTER
FINISH		SCALE		SHEET	
MATERIAL		SIZE		OF OF	
A. REMOVAL SURF B. MACHINE SURFACE AS C. BREAK ALL SHAPE D. BREAK ALL DIM E. DIMENSIONS IN INCHES F. DIMENSIONS IN MILLIMETERS		2X TOLERANCE 3X TOLERANCE 4X TOLERANCE 5X TOLERANCE 6X TOLERANCE 7X TOLERANCE 8X TOLERANCE 9X TOLERANCE 10X TOLERANCE 11X TOLERANCE 12X TOLERANCE 13X TOLERANCE 14X TOLERANCE 15X TOLERANCE 16X TOLERANCE 17X TOLERANCE 18X TOLERANCE 19X TOLERANCE 20X TOLERANCE 21X TOLERANCE 22X TOLERANCE 23X TOLERANCE 24X TOLERANCE 25X TOLERANCE 26X TOLERANCE 27X TOLERANCE 28X TOLERANCE 29X TOLERANCE 30X TOLERANCE 31X TOLERANCE 32X TOLERANCE 33X TOLERANCE 34X TOLERANCE 35X TOLERANCE 36X TOLERANCE 37X TOLERANCE 38X TOLERANCE 39X TOLERANCE 40X TOLERANCE 41X TOLERANCE 42X TOLERANCE 43X TOLERANCE 44X TOLERANCE 45X TOLERANCE 46X TOLERANCE 47X TOLERANCE 48X TOLERANCE 49X TOLERANCE 50X TOLERANCE 51X TOLERANCE 52X TOLERANCE 53X TOLERANCE 54X TOLERANCE 55X TOLERANCE 56X TOLERANCE 57X TOLERANCE 58X TOLERANCE 59X TOLERANCE 60X TOLERANCE 61X TOLERANCE 62X TOLERANCE 63X TOLERANCE 64X TOLERANCE 65X TOLERANCE 66X TOLERANCE 67X TOLERANCE 68X TOLERANCE 69X TOLERANCE 70X TOLERANCE 71X TOLERANCE 72X TOLERANCE 73X TOLERANCE 74X TOLERANCE 75X TOLERANCE 76X TOLERANCE 77X TOLERANCE 78X TOLERANCE 79X TOLERANCE 80X TOLERANCE 81X TOLERANCE 82X TOLERANCE 83X TOLERANCE 84X TOLERANCE 85X TOLERANCE 86X TOLERANCE 87X TOLERANCE 88X TOLERANCE 89X TOLERANCE 90X TOLERANCE 91X TOLERANCE 92X TOLERANCE 93X TOLERANCE 94X TOLERANCE 95X TOLERANCE 96X TOLERANCE 97X TOLERANCE 98X TOLERANCE 99X TOLERANCE 100X TOLERANCE		ANGLE 15° 30° 45° 60° 75° 90° 105° 120° 135° 150° 165° 180° 195° 210° 225° 240° 255° 270° 285° 300° 315° 330° 345° 360°	

NOTES: UNLESS OTHERWISE SPECIFIED.

Form ENC023 (04/93)



FINISH A. MAXIMUM ALLOWABLE B. MAXIMUM SPACE C. MAXIMUM SPACE D. MAXIMUM SPACE E. MAXIMUM SPACE		MATERIAL A. MAXIMUM ALLOWABLE B. MAXIMUM SPACE C. MAXIMUM SPACE D. MAXIMUM SPACE E. MAXIMUM SPACE		ANGLE TOLERANCE A. MAXIMUM ALLOWABLE B. MAXIMUM SPACE C. MAXIMUM SPACE D. MAXIMUM SPACE E. MAXIMUM SPACE		SCALE A. MAXIMUM ALLOWABLE B. MAXIMUM SPACE C. MAXIMUM SPACE D. MAXIMUM SPACE E. MAXIMUM SPACE		REVISION LETTER A. MAXIMUM ALLOWABLE B. MAXIMUM SPACE C. MAXIMUM SPACE D. MAXIMUM SPACE E. MAXIMUM SPACE	
FINISH A. MAXIMUM ALLOWABLE B. MAXIMUM SPACE C. MAXIMUM SPACE D. MAXIMUM SPACE E. MAXIMUM SPACE		MATERIAL A. MAXIMUM ALLOWABLE B. MAXIMUM SPACE C. MAXIMUM SPACE D. MAXIMUM SPACE E. MAXIMUM SPACE		ANGLE TOLERANCE A. MAXIMUM ALLOWABLE B. MAXIMUM SPACE C. MAXIMUM SPACE D. MAXIMUM SPACE E. MAXIMUM SPACE		SCALE A. MAXIMUM ALLOWABLE B. MAXIMUM SPACE C. MAXIMUM SPACE D. MAXIMUM SPACE E. MAXIMUM SPACE		REVISION LETTER A. MAXIMUM ALLOWABLE B. MAXIMUM SPACE C. MAXIMUM SPACE D. MAXIMUM SPACE E. MAXIMUM SPACE	

- NO CRACK ALLOWED ON MOLDED PART.
- NO BUBBLE GREATER THAN 7 MIL ALLOWED ON ACTIVE AREA AND GREATER THAN 14 MIL OTHER THAN ACTIVE AREA.
- MOLDED PART SHOULD MEET 50/50 SCRATCHING CRITERIA.
- MOLDED PART SHOULD BE FREE OF FLAKES.

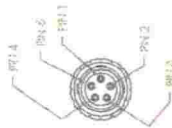
NOTES: UNLESS OTHERWISE SPECIFIED.

Form ENG023 (04/93)



Form ENG023 (04/93)

Probe P862 RA 03/25/98



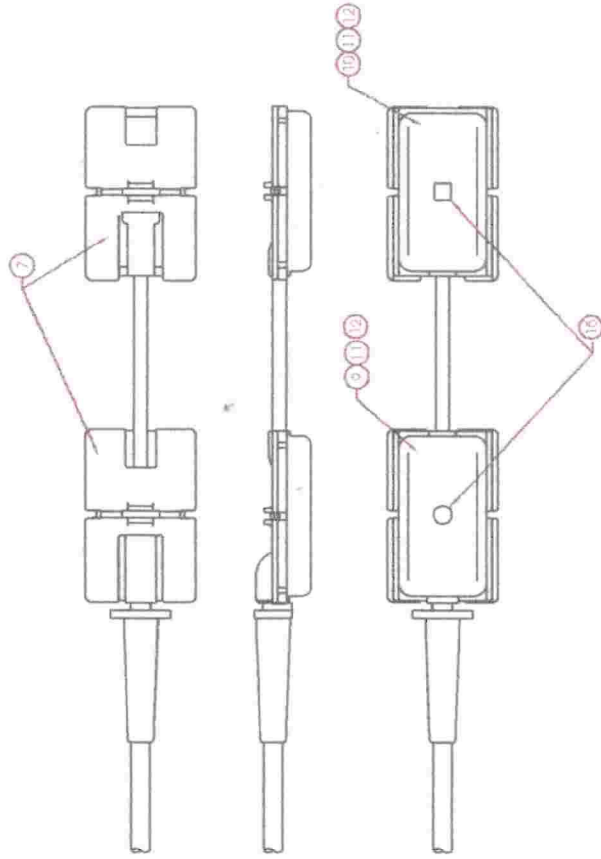
PIN #	WIRE COLOR
1	RED
2	ORANGE
3	YELLOW
4	BLACK
5	WHITE
CASE	SHIELD (INNER+OUTER)

NOTES: UNLESS OTHERWISE SPECIFIED:

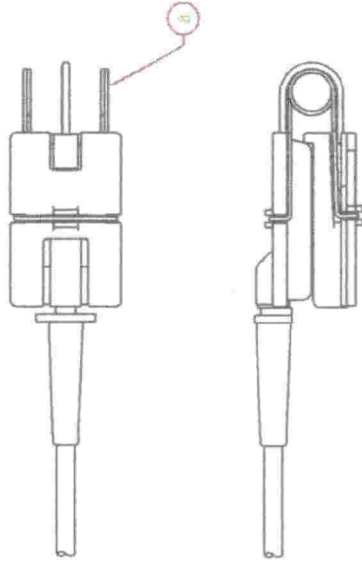
Form ENG023 (04/93)



Form ENG023 (04/93)



FRAME TO POUCH/CABLE ASSEMBLY



SPRING TO POUCH ASSEMBLY

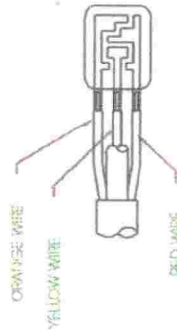
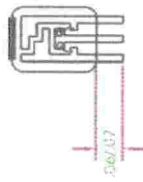
FINISH MATERIAL		FINISH TITLE		REVISION LETTER REV	
A. DIMENSIONS B. MATERIAL SPECIFICATIONS C. BREAK ALL DIMENSIONS D. DIMENSIONS PER ANNOTATION E. DIMENSIONS ARE IN INCHES F. DIMENSIONS ARE IN MILLIMETERS		G. TOLERANCES ON DIMENSIONS DIMENSIONS XX XX XX		H. TOLERANCES ON ANGLES ANGLE XX XX XX	
I. DIMENSIONS PER ANNOTATION J. DIMENSIONS PER ANNOTATION K. DIMENSIONS PER ANNOTATION L. DIMENSIONS PER ANNOTATION M. DIMENSIONS PER ANNOTATION N. DIMENSIONS PER ANNOTATION O. DIMENSIONS PER ANNOTATION P. DIMENSIONS PER ANNOTATION Q. DIMENSIONS PER ANNOTATION R. DIMENSIONS PER ANNOTATION S. DIMENSIONS PER ANNOTATION T. DIMENSIONS PER ANNOTATION U. DIMENSIONS PER ANNOTATION V. DIMENSIONS PER ANNOTATION W. DIMENSIONS PER ANNOTATION X. DIMENSIONS PER ANNOTATION Y. DIMENSIONS PER ANNOTATION Z. DIMENSIONS PER ANNOTATION		DWG NO. DRAWING NUMBER		SHEET OF OF B	
SCALE:		SIZE:		SHEET OF OF B	
COST FILE NAME		COST FILE NAME		COST FILE NAME	

NOTES: UNLESS OTHERWISE SPECIFIED.

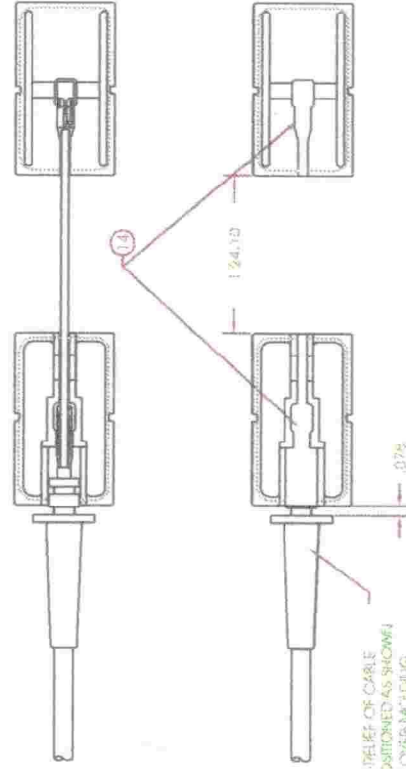
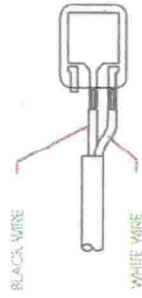
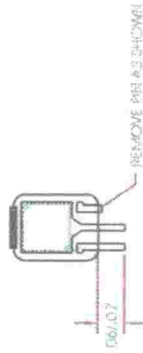
Form ENG023 (04/93)

Probe P862 RA 03/25/98

EMITTER

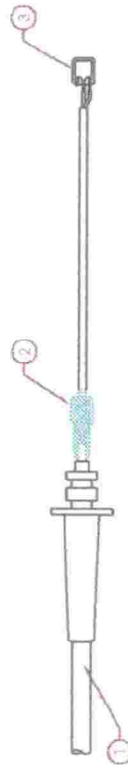


DETECTOR



CABLE ASSEMBLY TO POUCH

CERAMIC ASSEMBLY (LED/DET) TO CABLE



FOR LOGS, SEE THE COMPANY'S WEBSITE

FINISH	TITLE	FINAL ASSEMBLY
MATERIAL	DWG NO.	REVISION LETTER
A. FINISH ALUMINUM B. MACHINE SURFACES: 6S C. REMAIN SHARP D. DIMENSIONS: 1/4 IN. E. DIMENSIONS: 1/8 IN. F. DIMENSIONS: 1/16 IN.	SCALE: B SHEET: 1 SHEET OF: 1	REV: 1 REVISION: 1

NOTES: UNLESS OTHERWISE SPECIFIED.

Form ENG023 (04/93)