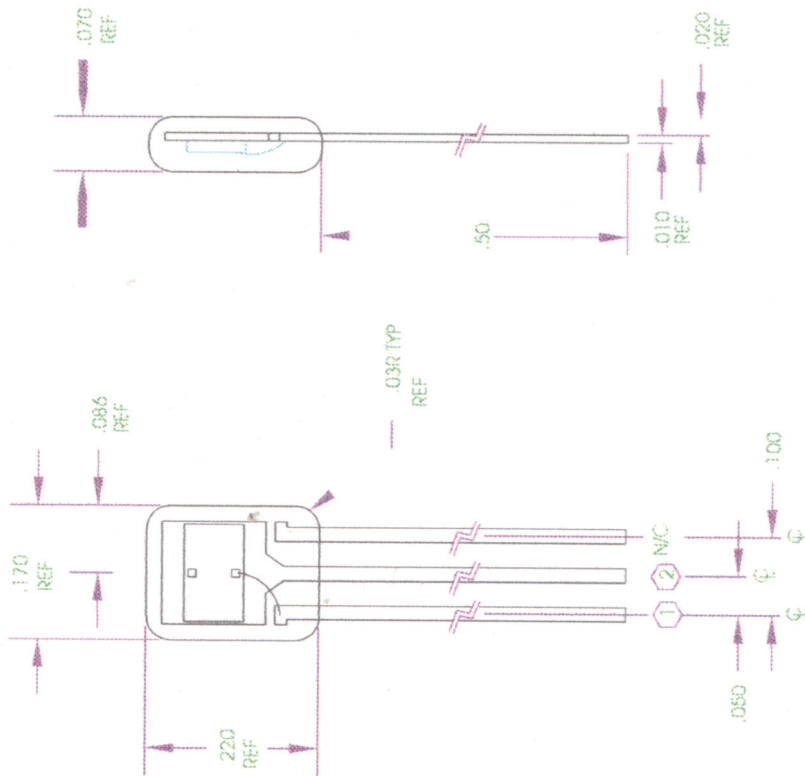
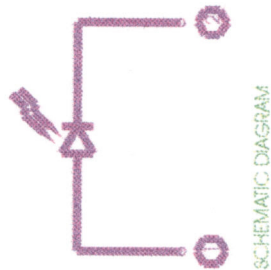


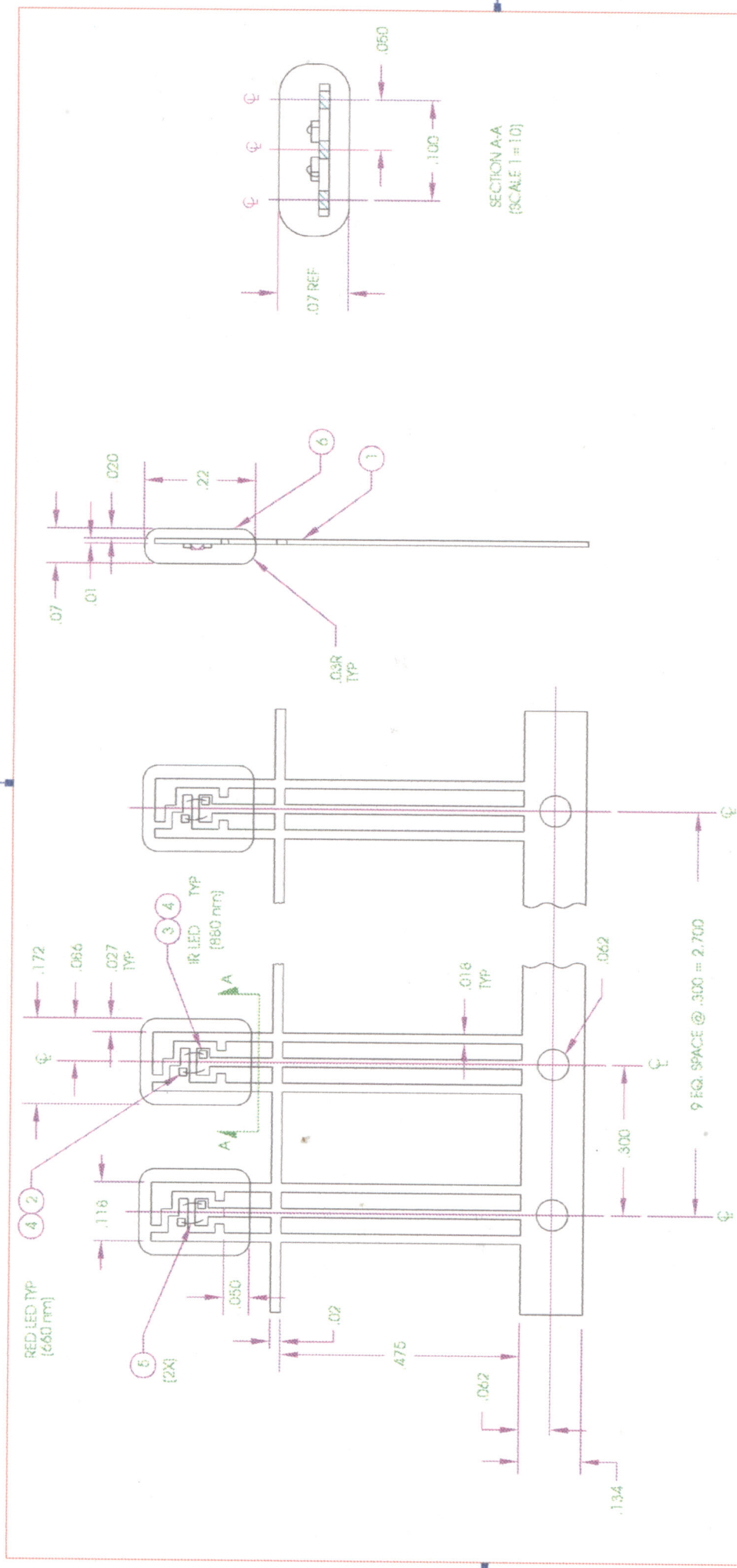


FINISHED PART



SCHEMATIC DIAGRAM

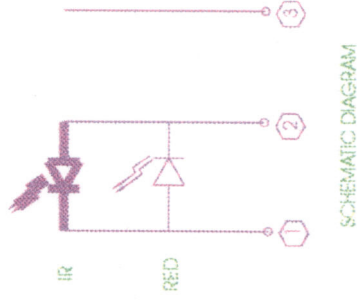
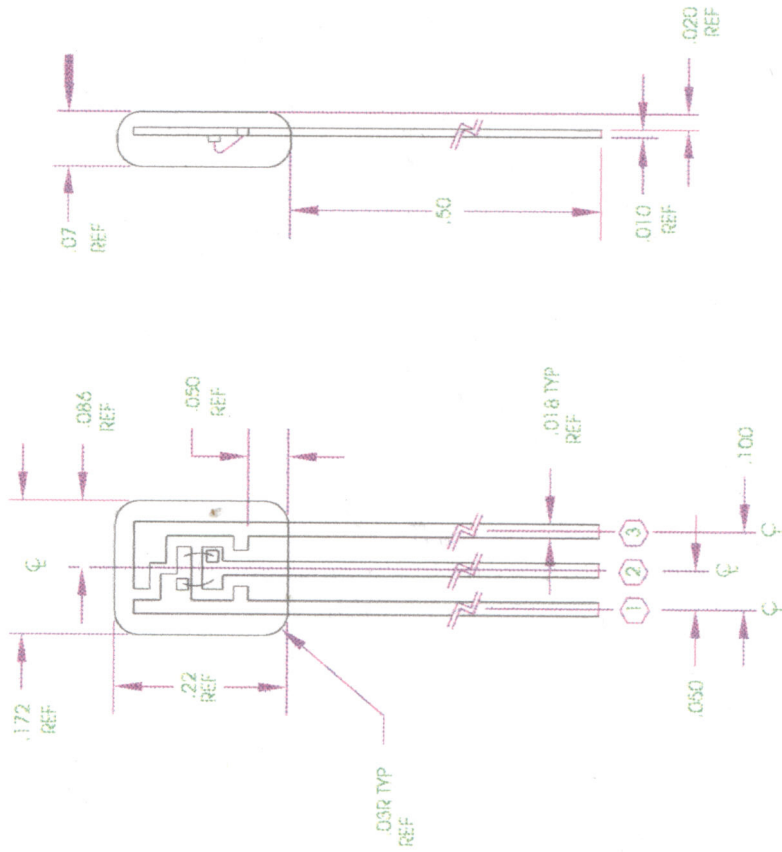
 1390 LOGAN AVENUE, COSSA, ARIZONA, 85701		TITLE DETECTOR ASSEMBLY	
FINISH		DWG NO.	
MATERIAL		REVISION LETTER	
G. TOLERANCES ON: DECIMALS .XX ANGLES 3X 2X TOLERANCE .010 MAX 3X TOLERANCE .005		SIZE: B	
A. REMOVE ALL BURRS B. MACHINE SURFACES AS SHOWN C. BREAK ALL SHARP EDGES .010 MAX D. DIMENSIONS REF ANS Y1 & 5 E. DIMENSIONS ARE IN INCHES F. DO NOT SCALE DRAWING		SHEET OF 1	
NOTES: UNLESS OTHERWISE SPECIFIED.		Form ENG023 (04/93)	



 1348 LOGAN AVENUE, COONHART, OH 43009		TITLE: LED ASSEMBLY	
FINISH:		DWG NO.:	
MATERIAL:		DRAWING NUMBER:	
A. REMOVE ALL BURRS B. MACHINE SURFACES AS SHOWN C. BREAK ALL SHARP EDGES (1) ON MAX D. DIMENSIONS PER ANSI Y14.5 E. DIMENSIONS ARE IN INCHES F. DO NOT SCALE DRAWING		SCALE:	
G. TOLERANCES ON DECIMALS XX .XX TOLERANCE XXX .XXX TOLERANCE		REV:	
ANGLE TOLERANCE ANGLES		SHEET:	
NOTES:		REVISION LETTER:	

4. NO CRACK ALLOWED ON MOLDED PART.
3. MOLDED PART SHOULD MEET B0500 SCRATCH/DIG CRITERIA.
2. MOLDED PART SHOULD BE FREE OF FLASHES.

NOTES: UNLESS OTHERWISE SPECIFIED.



FINISH

FINISHED PART

MATERIAL

- 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

G. TOLERANCES ON DECIMALS

XX 2X TOLERANCE
XXX 3X TOLERANCE

ANGLES

ANGLE TOLERANCE

TITLE LED ASSEMBLY

DWG NO.

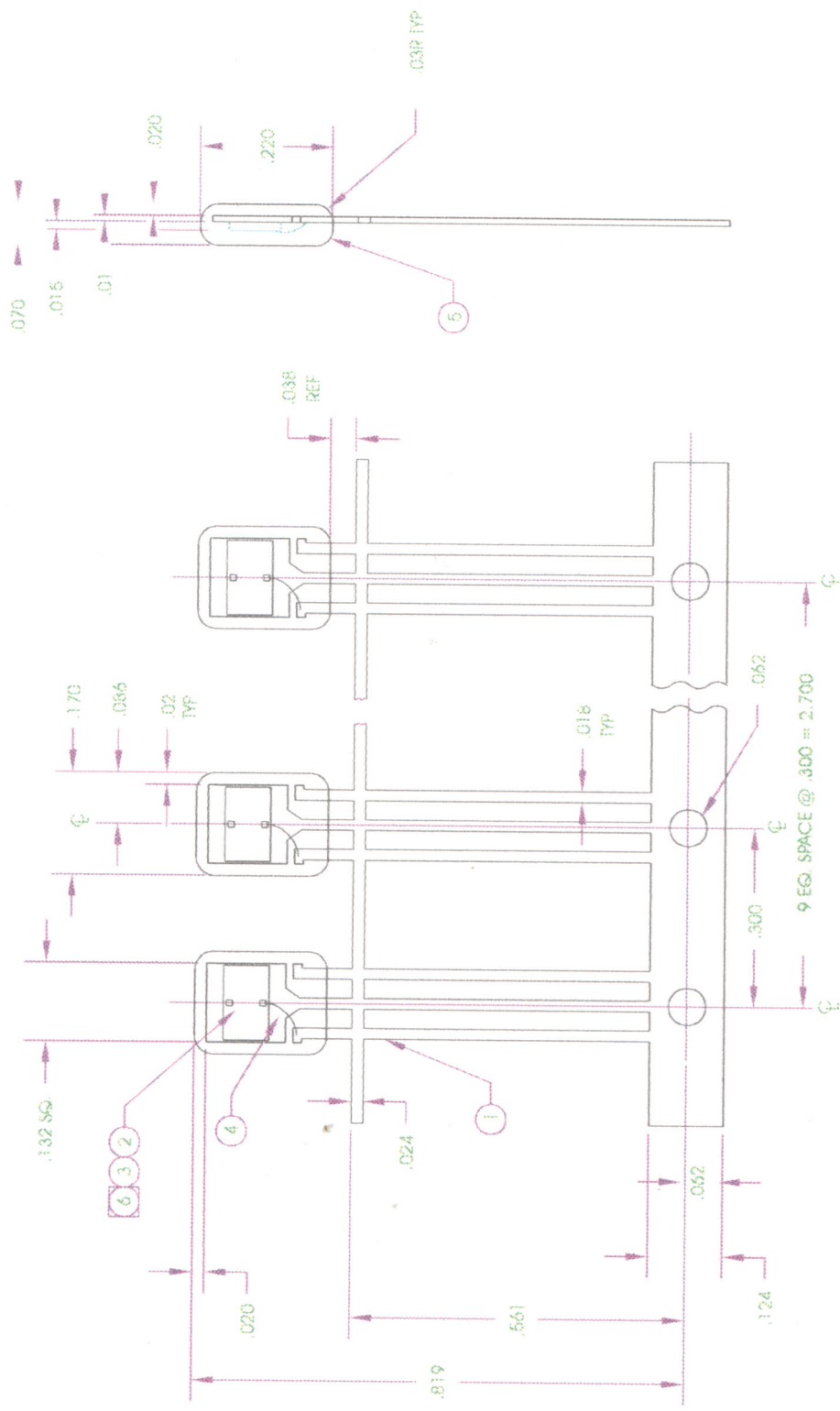
DRAWING NUMBER

SIZE: B

REVISION LETTER

REV SHEET OF OF





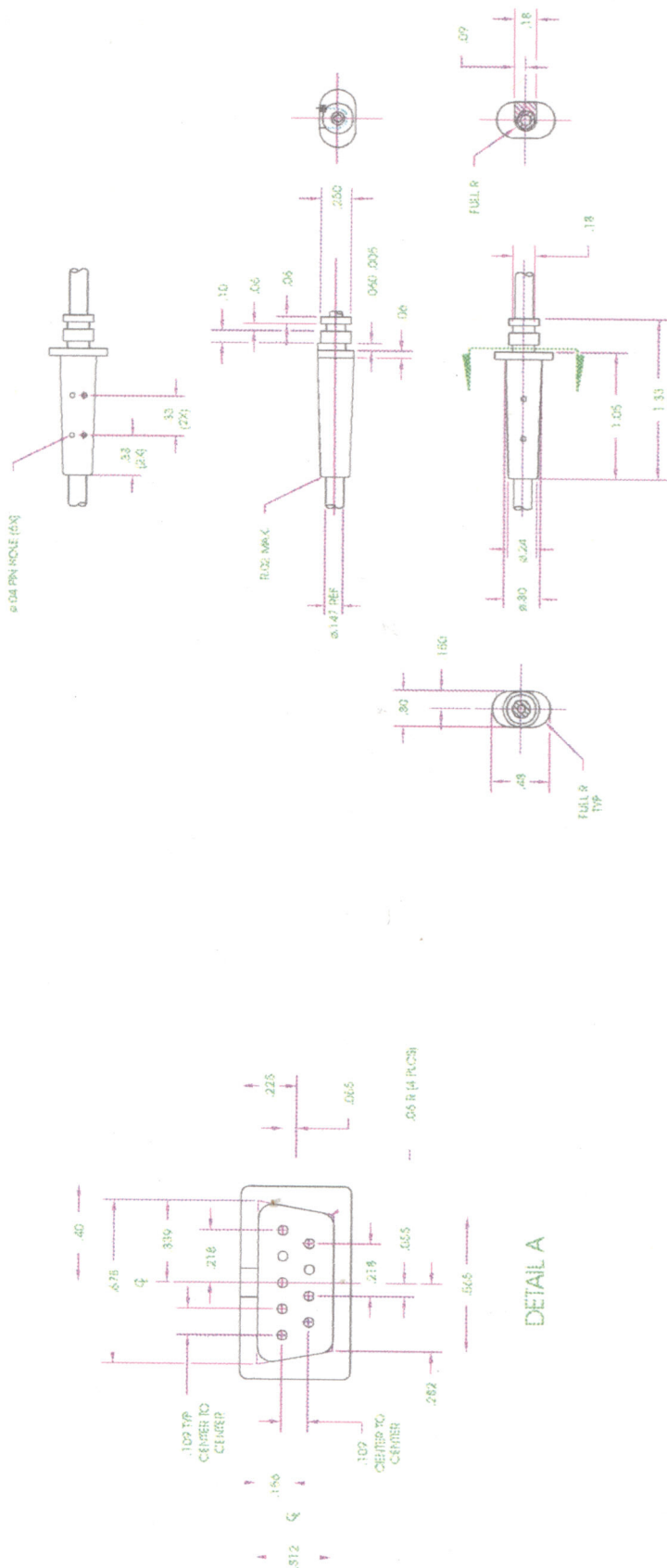
- ① MOUNT CHIP AS SHOWN, CENTER CHIP TO CENTER OF PAD WITHIN 0.01".
- ② NO CRACK ALLOWED ON MOLDED PART.
- ③ MOLDED PART SHOULD MEET 80/60 SCRATCH/DIG CRITERIA.
- ④ MOLDED PART SHOULD BE FREE OF FLASHES.

NOTES: UNLESS OTHERWISE SPECIFIED.

 1349 LOGAN AVENUE, COSTA MESA, CA 92626	
TITLE: DETECTOR ASSEMBLY	
DWG NO.	DRAWING NUMBER
REV	REVISION LETTER
SCALE:	SIZE: B
SHEET	SHEET 01 OF 01
DGS FILE NAME: 03/25/98	

FINISH MATERIAL	G. TOLERANCES ON DECIMALS XX 2X TOLERANCE XXX 3X TOLERANCE	ANGLES 2X TOLERANCE 3X TOLERANCE
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A. REMOVE ALL BURRS
 B. MACHINE SURFACES AS SHOWN
 C. BREAK ALL SHARP EDGES 0.010 MAX
 D. DIMENSIONS PER ANSI Y14.5
 E. DIMENSIONS ARE IN INCHES
 F. DO NOT SCALE DRAWING

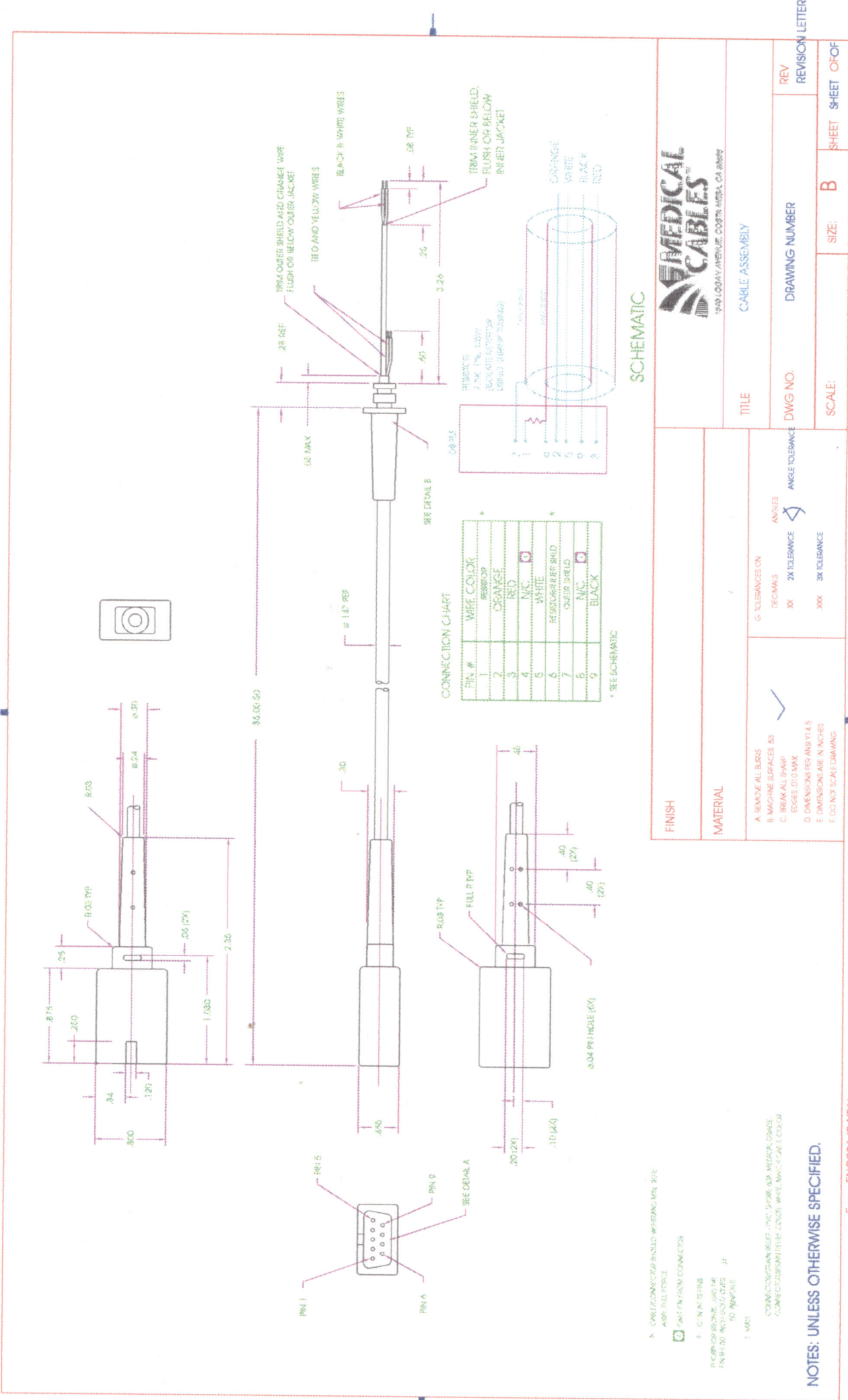


DETAIL A

DETAIL B

NOTES: UNLESS OTHERWISE SPECIFIED.

FINISH		TITLE		REV	
MATERIAL		CABLE ASSEMBLY		REVISION LETTER	
A. REMOVE ALL BURRS B. MACHINE SURFACES AS C. BREAK ALL SHARP EDGES TO 0.005 D. DIMENSIONS PER ANSI Y14.5 E. DIMENSIONS ARE IN INCHES F. DO NOT SCALE DRAWING		DWG NO.		SIZE: B	
G. TOLERANCES ON DECIMALS XX .XX TOLERANCE XXX .XXX TOLERANCE		DRAWING NUMBER		SHEET OF 1	
ANGLES XX .XX TOLERANCE XXX .XXX TOLERANCE		SCALE:		SHEET OF 1	
FORM ENG023 (04/93)		DOW FILE NAME		DOW FILE NAME	



1940 LLOYD AVENUE, COOKS HILLS, CA 94501

TITLE: CABLE ASSEMBLY

REV: 00

REVISION LETTER

DWG NO.

SCALE:

SIZE: B

SHEET: 00

OF 00

DOE FILE NAME

03/25/98

Probe P856 RA

Form ENG023 (04/93)

NOTES: UNLESS OTHERWISE SPECIFIED.

1. ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.

2. DIMENSIONS PER ANSI Y14.5

3. DIMENSIONS PER ANSI Y14.5

4. DIMENSIONS PER ANSI Y14.5

5. DIMENSIONS PER ANSI Y14.5

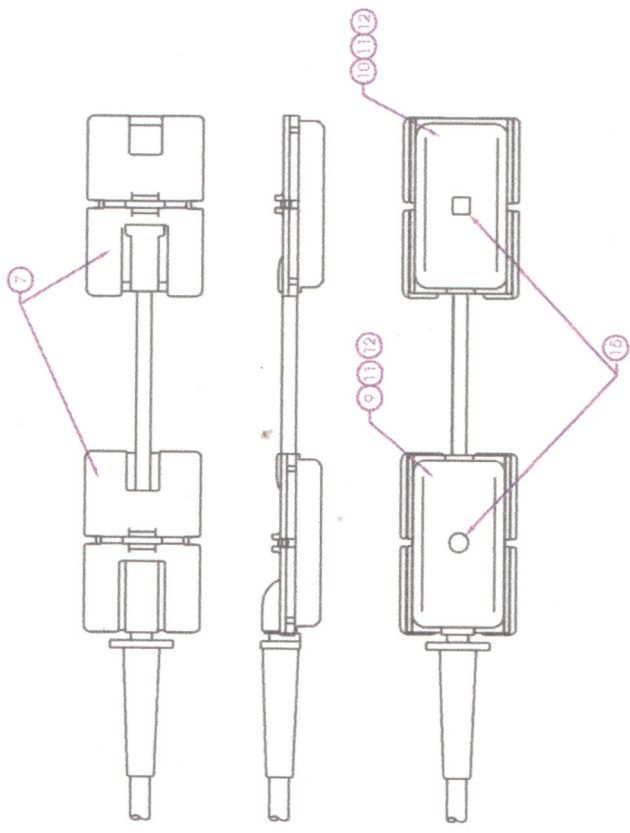
6. DIMENSIONS PER ANSI Y14.5

7. DIMENSIONS PER ANSI Y14.5

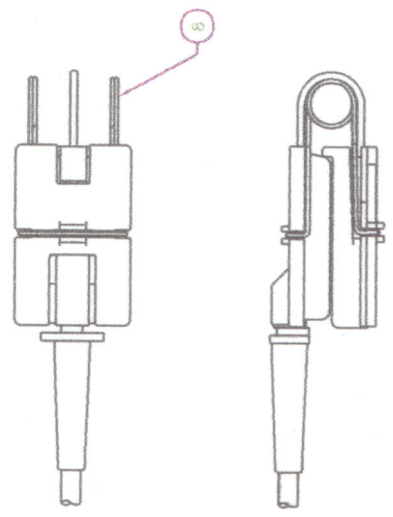
8. DIMENSIONS PER ANSI Y14.5

9. DIMENSIONS PER ANSI Y14.5

10. DIMENSIONS PER ANSI Y14.5



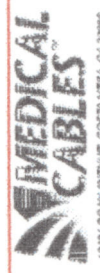
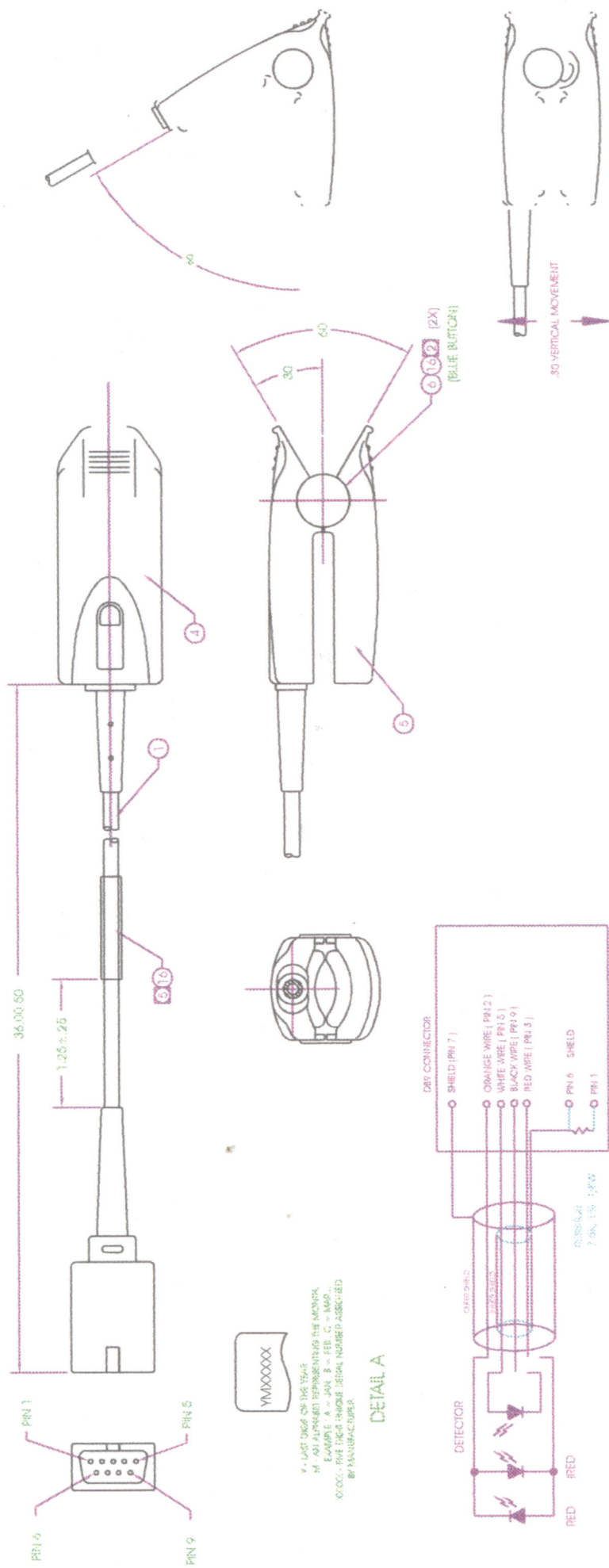
FRAME TO POUCH/CABLE ASSEMBLY



SPRING TO POUCH ASSEMBLY

NOTES: UNLESS OTHERWISE SPECIFIED.

		TITLE: FINAL ASSEMBLY		REV:	REVISION LETTER
FINISH:		DWG NO:	DRAWING NUMBER:	SIZE: B	SHEET: OF
MATERIAL:		G. TOLERANCES ON DECIMALS: XX 2X TOLERANCE XXX 3X TOLERANCE	ANGLES:	SCALE:	
A. REMOVE ALL BURRS B. MACHINE SURFACES AS C. BREAK ALL SHARP EDGES 0.01 MAX D. DIMENSIONS PER ANSI Y14.5 E. DIMENSIONS ARE IN INCHES F. DO NOT SCALE DRAWING		DOB FILE NAME: DOB FILE NAME			



FINISH		TITLE	
MATERIAL		FINAL ASSEMBLY	
A. REMOVE ALL BURRS B. WASH IN SURFACES 63 C. BREAK ALL SHARP EDGES .010 MAX D. DIMENSIONS PER ANSI Y14.6 E. DIMENSIONS ARE IN INCHES F. DO NOT SCALE DRAWING		DWG NO. SCALE:	
G. TOLERANCES ON DECIMALS .XX 2X TOLERANCE .XXX 3X TOLERANCE		REV REVISION LETTER	
ANGLES 3X TOLERANCE		SIZE: B	
SHEET SHEET OF OF		DOB FILE NAME DOB FILE NAME	

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

NOTES: UNLESS OTHERWISE SPECIFIED.