

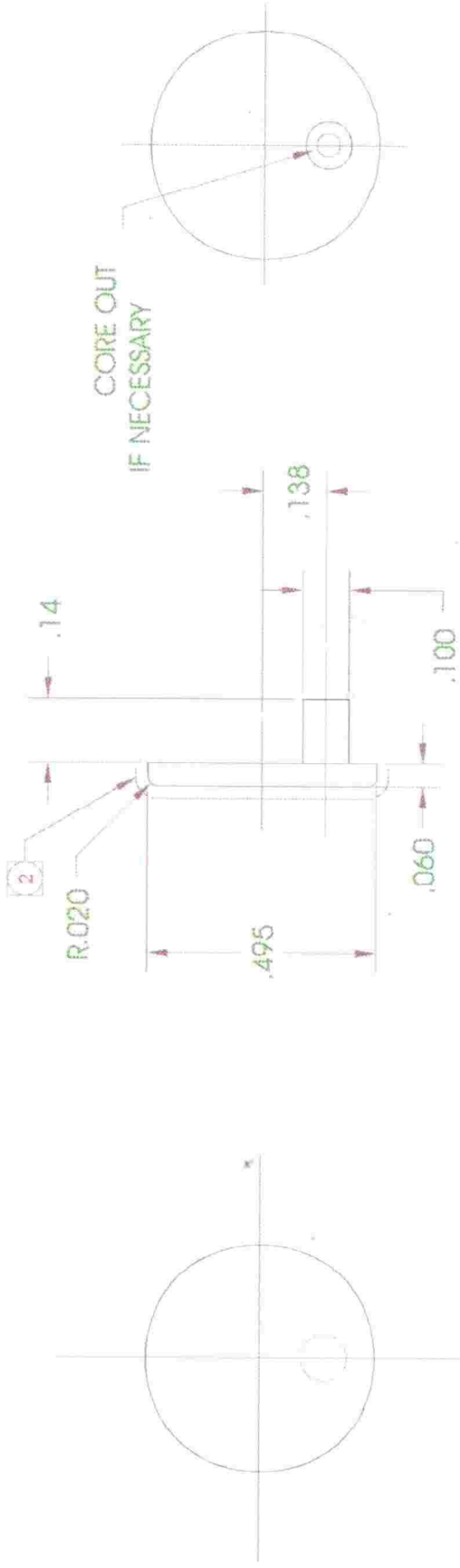


TABLE 1

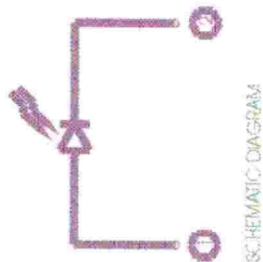
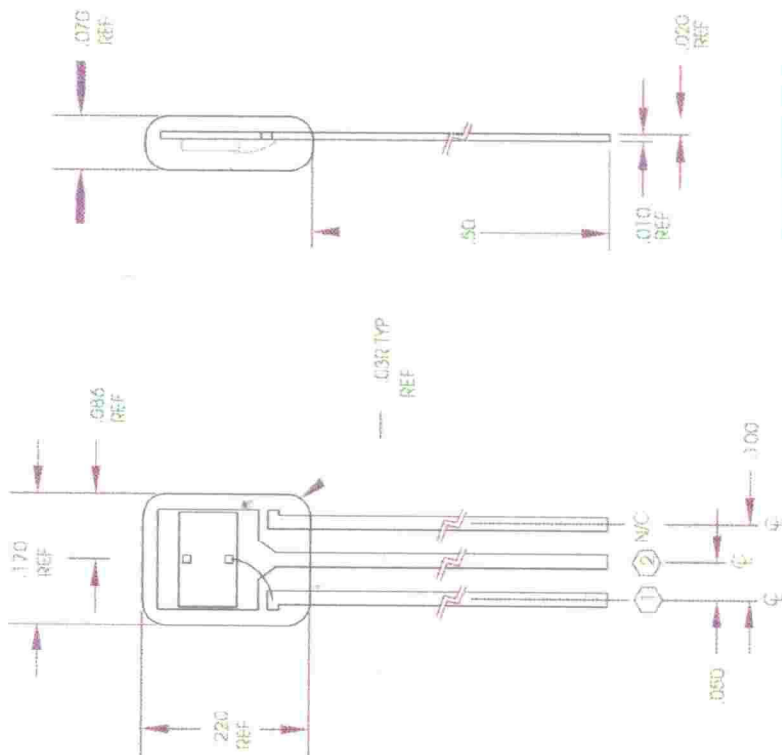
DASH #	COLOR
NO DASH	3136 (BLUE)
-1	UN66087 (SAGE GREEN)
-2	83268-5 (TAN/BROWN)
-3	UN2030 (ORANGE)
-4	UN1690 (CITRUS YELLOW)
-5	UN56094 (PURPLE)



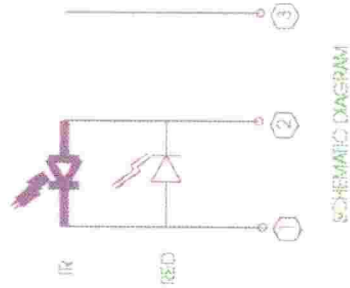
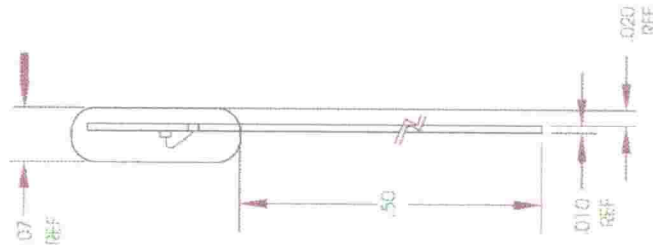
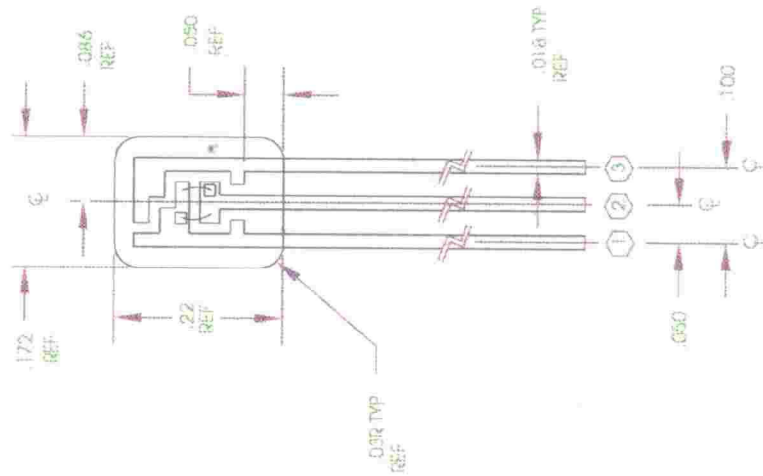
FINISH		TITLE	
MATERIAL		BUTTONS	
A. BACK ALL BARS B. MACHINE SURFACES AS C. SERIAL 9992 D. SERIAL 010 MAX E. DRIVING ANGLE 1/4" (1/4) F. DRIVING ANGLE 1/4" (1/4)	G. TERMINATION H. SERIAL 9992 I. 7X TOLERANCE J. 100%	DRAWING NUMBER DWG NO.	
SCALE:		SIZE: B	
SHEET		SHEET OF OF	
REV		REVISION LETTER	

1. BREAK ALL SHARP EDGES.
2. UNLESS OTHERWISE SPECIFIED, ALL FILET RADI TO BE .01 MAX.
3. DIMENSIONS SHOWN ARE FINISH PART, AND SHOWN TO TOOL.
4. UNLESS OTHERWISE SPECIFIED, ALL DRAFT ANGLE TO BE 2.
5. TEXTURE - MOLE TECH # 11000 (OR 11010) APPLY TO THAT SURFACE ONLY.
6. MATERIALS, G.E. CYCLOCAL 1.
7. CONTOUR - SEE TABLE 1.

NOTES: UNLESS OTHERWISE SPECIFIED.



 1840 LOGAN AVENUE, COOPERSBURG, PA 18901		REV REVISION LETTER	
TITLE DETECTOR ASSEMBLY		DWG NO. DRAWING NUMBER	
SCALE SCALE:		SIZE SIZE: B	
FINISH FINISH		REVISION LETTER REVISION LETTER	
MATERIAL MATERIAL		ANGLE TOLERANCE ANGLE TOLERANCE	
A TOLERANCE ALL SURF. B MACHINING SURFACES AS SHOWN C BREAK ALL DIMENSIONS D DIMENSIONS PER ANSI Y14.5 E DIMENSIONS PER ANSI Y14.5 F DIMENSIONS PER ANSI Y14.5		G TOLERANCE ON DIMENSIONS (DECIMALS) .001 .002 .003 .004 .005 .006 .007 .008 .009 .010 .012 .015 .020 .025 .030 .035 .040 .045 .050 .055 .060 .065 .070 .075 .080 .085 .090 .095 .100 .105 .110 .115 .120 .125 .130 .135 .140 .145 .150 .155 .160 .165 .170 .175 .180 .185 .190 .195 .200 .205 .210 .215 .220 .225 .230 .235 .240 .245 .250 .255 .260 .265 .270 .275 .280 .285 .290 .295 .300 .305 .310 .315 .320 .325 .330 .335 .340 .345 .350 .355 .360 .365 .370 .375 .380 .385 .390 .395 .400 .405 .410 .415 .420 .425 .430 .435 .440 .445 .450 .455 .460 .465 .470 .475 .480 .485 .490 .495 .500 .505 .510 .515 .520 .525 .530 .535 .540 .545 .550 .555 .560 .565 .570 .575 .580 .585 .590 .595 .600 .605 .610 .615 .620 .625 .630 .635 .640 .645 .650 .655 .660 .665 .670 .675 .680 .685 .690 .695 .700 .705 .710 .715 .720 .725 .730 .735 .740 .745 .750 .755 .760 .765 .770 .775 .780 .785 .790 .795 .800 .805 .810 .815 .820 .825 .830 .835 .840 .845 .850 .855 .860 .865 .870 .875 .880 .885 .890 .895 .900 .905 .910 .915 .920 .925 .930 .935 .940 .945 .950 .955 .960 .965 .970 .975 .980 .985 .990 .995 1.000 1.005 1.010 1.015 1.020 1.025 1.030 1.035 1.040 1.045 1.050 1.055 1.060 1.065 1.070 1.075 1.080 1.085 1.090 1.095 1.100 1.105 1.110 1.115 1.120 1.125 1.130 1.135 1.140 1.145 1.150 1.155 1.160 1.165 1.170 1.175 1.180 1.185 1.190 1.195 1.200 1.205 1.210 1.215 1.220 1.225 1.230 1.235 1.240 1.245 1.250 1.255 1.260 1.265 1.270 1.275 1.280 1.285 1.290 1.295 1.300 1.305 1.310 1.315 1.320 1.325 1.330 1.335 1.340 1.345 1.350 1.355 1.360 1.365 1.370 1.375 1.380 1.385 1.390 1.395 1.400 1.405 1.410 1.415 1.420 1.425 1.430 1.435 1.440 1.445 1.450 1.455 1.460 1.465 1.470 1.475 1.480 1.485 1.490 1.495 1.500 1.505 1.510 1.515 1.520 1.525 1.530 1.535 1.540 1.545 1.550 1.555 1.560 1.565 1.570 1.575 1.580 1.585 1.590 1.595 1.600 1.605 1.610 1.615 1.620 1.625 1.630 1.635 1.640 1.645 1.650 1.655 1.660 1.665 1.670 1.675 1.680 1.685 1.690 1.695 1.700 1.705 1.710 1.715 1.720 1.725 1.730 1.735 1.740 1.745 1.750 1.755 1.760 1.765 1.770 1.775 1.780 1.785 1.790 1.795 1.800 1.805 1.810 1.815 1.820 1.825 1.830 1.835 1.840 1.845 1.850 1.855 1.860 1.865 1.870 1.875 1.880 1.885 1.890 1.895 1.900 1.905 1.910 1.915 1.920 1.925 1.930 1.935 1.940 1.945 1.950 1.955 1.960 1.965 1.970 1.975 1.980 1.985 1.990 1.995 2.000 2.005 2.010 2.015 2.020 2.025 2.030 2.035 2.040 2.045 2.050 2.055 2.060 2.065 2.070 2.075 2.080 2.085 2.090 2.095 2.100 2.105 2.110 2.115 2.120 2.125 2.130 2.135 2.140 2.145 2.150 2.155 2.160 2.165 2.170 2.175 2.180 2.185 2.190 2.195 2.200 2.205 2.210 2.215 2.220 2.225 2.230 2.235 2.240 2.245 2.250 2.255 2.260 2.265 2.270 2.275 2.280 2.285 2.290 2.295 2.300 2.305 2.310 2.315 2.320 2.325 2.330 2.335 2.340 2.345 2.350 2.355 2.360 2.365 2.370 2.375 2.380 2.385 2.390 2.395 2.400 2.405 2.410 2.415 2.420 2.425 2.430 2.435 2.440 2.445 2.450 2.455 2.460 2.465 2.470 2.475 2.480 2.485 2.490 2.495 2.500 2.505 2.510 2.515 2.520 2.525 2.530 2.535 2.540 2.545 2.550 2.555 2.560 2.565 2.570 2.575 2.580 2.585 2.590 2.595 2.600 2.605 2.610 2.615 2.620 2.625 2.630 2.635 2.640 2.645 2.650 2.655 2.660 2.665 2.670 2.675 2.680 2.685 2.690 2.695 2.700 2.705 2.710 2.715 2.720 2.725 2.730 2.735 2.740 2.745 2.750 2.755 2.760 2.765 2.770 2.775 2.780 2.785 2.790 2.795 2.800 2.805 2.810 2.815 2.820 2.825 2.830 2.835 2.840 2.845 2.850 2.855 2.860 2.865 2.870 2.875 2.880 2.885 2.890 2.895 2.900 2.905 2.910 2.915 2.920 2.925 2.930 2.935 2.940 2.945 2.950 2.955 2.960 2.965 2.970 2.975 2.980 2.985 2.990 2.995 3.000 3.005 3.010 3.015 3.020 3.025 3.030 3.035 3.040 3.045 3.050 3.055 3.060 3.065 3.070 3.075 3.080 3.085 3.090 3.095 3.100 3.105 3.110 3.115 3.120 3.125 3.130 3.135 3.140 3.145 3.150 3.155 3.160 3.165 3.170 3.175 3.180 3.185 3.190 3.195 3.200 3.205 3.210 3.215 3.220 3.225 3.230 3.235 3.240 3.245 3.250 3.255 3.260 3.265 3.270 3.275 3.280 3.285 3.290 3.295 3.300 3.305 3.310 3.315 3.320 3.325 3.330 3.335 3.340 3.345 3.350 3.355 3.360 3.365 3.370 3.375 3.380 3.385 3.390 3.395 3.400 3.405 3.410 3.415 3.420 3.425 3.430 3.435 3.440 3.445 3.450 3.455 3.460 3.465 3.470 3.475 3.480 3.485 3.490 3.495 3.500 3.505 3.510 3.515 3.520 3.525 3.530 3.535 3.540 3.545 3.550 3.555 3.560 3.565 3.570 3.575 3.580 3.585 3.590 3.595 3.600 3.605 3.610 3.615 3.620 3.625 3.630 3.635 3.640 3.645 3.650 3.655 3.660 3.665 3.670 3.675 3.680 3.685 3.690 3.695 3.700 3.705 3.710 3.715 3.720 3.725 3.730 3.735 3.740 3.745 3.750 3.755 3.760 3.765 3.770 3.775 3.780 3.785 3.790 3.795 3.800 3.805 3.810 3.815 3.820 3.825 3.830 3.835 3.840 3.845 3.850 3.855 3.860 3.865 3.870 3.875 3.880 3.885 3.890 3.895 3.900 3.905 3.910 3.915 3.920 3.925 3.930 3.935 3.940 3.945 3.950 3.955 3.960 3.965 3.970 3.975 3.980 3.985 3.990 3.995 4.000 4.005 4.010 4.015 4.020 4.025 4.030 4.035 4.040 4.045 4.050 4.055 4.060 4.065 4.070 4.075 4.080 4.085 4.090 4.095 4.100 4.105 4.110 4.115 4.120 4.125 4.130 4.135 4.140 4.145 4.150 4.155 4.160 4.165 4.170 4.175 4.180 4.185 4.190 4.195 4.200 4.205 4.210 4.215 4.220 4.225 4.230 4.235 4.240 4.245 4.250 4.255 4.260 4.265 4.270 4.275 4.280 4.285 4.290 4.295 4.300 4.305 4.310 4.315 4.320 4.325 4.330 4.335 4.340 4.345 4.350 4.355 4.360 4.365 4.370 4.375 4.380 4.385 4.390 4.395 4.400 4.405 4.410 4.415 4.420 4.425 4.430 4.435 4.440 4.445 4.450 4.455 4.460 4.465 4.470 4.475 4.480 4.485 4.490 4.495 4.500 4.505 4.510 4.515 4.520 4.525 4.530 4.535 4.540 4.545 4.550 4.555 4.560 4.565 4.570 4.575 4.580 4.585 4.590 4.595 4.600 4.605 4.610 4.615 4.620 4.625 4.630 4.635 4.640 4.645 4.650 4.655 4.660 4.665 4.670 4.675 4.680 4.685 4.690 4.695 4.700 4.705 4.710 4.715 4.720 4.725 4.730 4.735 4.740 4.745 4.750 4.755 4.760 4.765 4.770 4.775 4.780 4.785 4.790 4.795 4.800 4.805 4.810 4.815 4.820 4.825 4.830 4.835 4.840 4.845 4.850 4.855 4.860 4.865 4.870 4.875 4.880 4.885 4.890 4.895 4.900 4.905 4.910 4.915 4.920 4.925 4.930 4.935 4.940 4.945 4.950 4.955 4.960 4.965 4.970 4.975 4.980 4.985 4.990 4.995 5.000 5.005 5.010 5.015 5.020 5.025 5.030 5.035 5.040 5.045 5.050 5.055 5.060 5.065 5.070 5.075 5.080 5.085 5.090 5.095 5.100 5.105 5.110 5.115 5.120 5.125 5.130 5.135 5.140 5.145 5.150 5.155 5.160 5.165 5.170 5.175 5.180 5.185 5.190 5.195 5.200 5.205 5.210 5.215 5.220 5.225 5.230 5.235 5.240 5.245 5.250 5.255 5.260 5.265 5.270 5.275 5.280 5.285 5.290 5.295 5.300 5.305 5.310 5.315 5.320 5.325 5.330 5.335 5.340 5.345 5.350 5.355 5.360 5.365 5.370 5.375 5.380 5.385 5.390 5.395 5.400 5.405 5.410 5.415 5.420 5.425 5.430 5.435 5.440 5.445 5.450 5.455 5.460 5.465 5.470 5.475 5.480 5.485 5.490 5.495 5.500 5.505 5.510 5.515 5.520 5.525 5.530 5.535 5.540 5.545 5.550 5.555 5.560 5.565 5.570 5.575 5.580 5.585 5.590 5.595 5.600 5.605 5.610 5.615 5.620 5.625 5.630 5.635 5.640 5.645 5.650 5.655 5.660 5.665 5.670 5.675 5.680 5.685 5.690 5.695 5.700 5.705 5.710 5.715 5.720 5.725 5.730 5.735 5.740 5.745 5.750 5.755 5.760 5.765 5.770 5.775 5.780 5.785 5.790 5.795 5.800 5.805 5.810 5.815 5.820 5.825 5.830 5.835 5.840 5.845 5.850 5.855 5.860 5.865 5.870 5.875 5.880 5.885 5.890 5.895 5.900 5.905 5.910 5.915 5.920 5.925 5.930 5.935 5.940 5.945 5.950 5.955 5.960 5.965 5.970 5.975 5.980 5.985 5.990 5.995	



WINGS OF SILVER

FINISHED PART

NOTES: UNLESS OTHERWISE SPECIFIED,

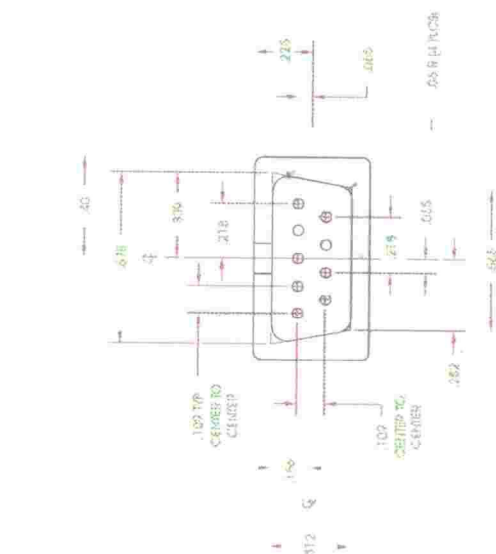
Form ENG-023 (04/93)

FINISH	MATERIAL	A. REMOVE ALL BURR B. MACHINE SURFACES AS C. BESS ALL SPARE D. BESS ALL DIMENSION E. DIMENSIONAL TERN AND V. L.S F. DIMENSION ARE IN INCHES G. DO NOT SCALE DRAWING	G. TOLERANCE ON DECIMALS 300 300 300 300	ANGLES 	ANGLE TOLERANCE 300 300 300 300	TITLE LED ASSEMBLY	DWG. NO. DRAWING NUMBER	REV REVISION LETTER	SCALE SIZE: B SHEET SHEET OF OF	DOUBLE NAME DAS FILE NAME	03/25/98	Probe P856 RA



NOTES: UNLESS OTHERWISE SPECIFIED.

Form ENG023 (04/93)



DETAIL 8

NOTES: UNLESS OTHERWISE SPECIFIED,



1500 LOGAN AVENUE, COSTA MESA, CA 92626

DATE FILED	NAME	DOB FILE NAME
11/11/2011	11/11/2011	11/11/2011

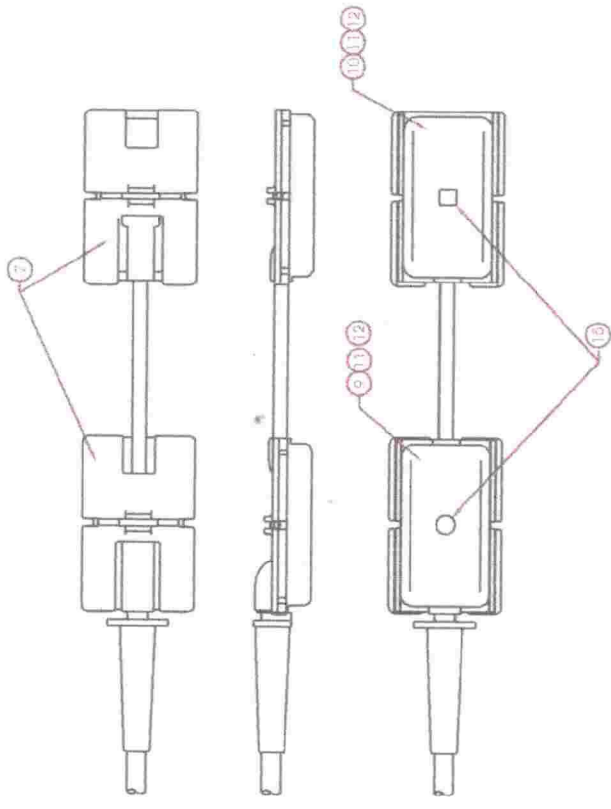
Probe P856 RA 03/25/98

MATERIAL

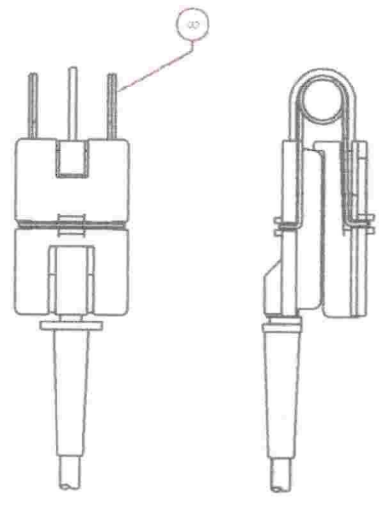
A. MAXIMUM ALLOWED B. MAXIMUM SURFACE FIN C. BREAK ALL SHARP EDGES 0.15 MM D. DIMENSIONAL PINS AND PINS E. DIMENSIONS ARE IN INCHES F. DIMENSIONS NOT CHANGING		G. TOLERANCES ON DIMENSIONS 10% 2K TOLERANCE 30% 2K TOLERANCE 100% 2K TOLERANCE	ANGLE TOLERANCE 
--	---	---	--

NOTES: UNLESS OTHERWISE SPECIFIED.

Form ENG023 (04/93)



FRAME TO POUCH/CABLE ASSEMBLY



SPRING TO POUCH ASSEMBLY

NOTES: UNLESS OTHERWISE SPECIFIED.

		TITLE: FINAL ASSEMBLY		REV:	REVISION LETTER:
FINISH:		DWG NO.:		SHEET:	OF:
MATERIAL:		SCALE:		SIZE: B	SHEET:
A. REMOVE ALL BURRS B. FINISHING SURFACE AS SHOWN C. BREAK ALL SHARP EDGES 0.015 MAX D. DIMENSIONS TO PINS VIT 4.5 E. DIMENSIONS ARE IN INCHES F. CONSULT SCALE DRAWINGS		G. TOLERANCES: DECIMALS: .001 ANGLES: .001 H. TOLERANCES: .001 .001 .001		CORTEL NAME: DOB FILE NAME:	

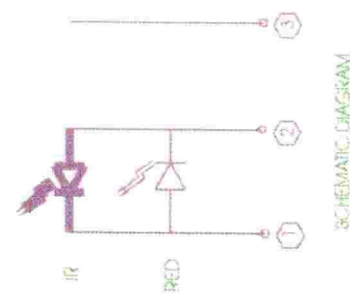
Form ENG023 (04/93)



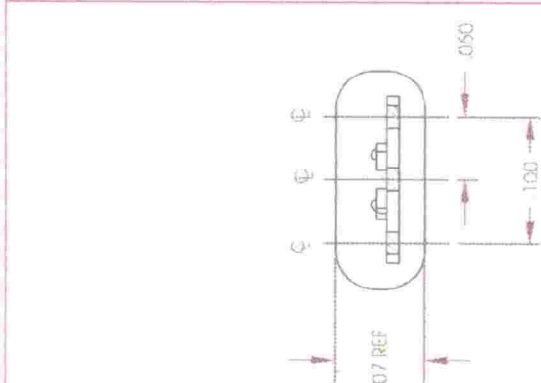
DO NOT APPLY EXCESSIVE FORCE
 TWO EPOXY (ITEM 10) ALLOWED ON SURFACE OF PROBE
 WILL BE PENALIZED (ITEMS 1 & 2)

NOTES: UNLESS OTHERWISE SPECIFIED.

 1001 LORAIN AVENUE, COVINGTON, MISSISSIPPI 38401	TITLE: <u>HYDRA ASSEMBLY</u>		REV: <u> </u>	REVISION LETTER: <u> </u>
	DWG NO: <u> </u>	DRAWING NUMBER: <u> </u>	SCALE: <u> </u>	SIZE: <u>B</u>
FINISH: <u> </u>	MATERIAL: <u> </u>	4. TOLERANCES: A. REMOVE ALL BURRS B. MACHINE SURFACES 60° C. BREAK ALL SHARP EDGES .010 MAX D. DIMENSIONS VARIATION ±.06 E. DIMENSIONS ARE IN INCHES F. DO NOT SCALE DRAWINGS ANGLES:  TOLERANCE: <u>XX</u> FIT: <u>XX</u> DEPTH: <u>XX</u>	ANGLE TO FINISH: 	SCALE: <u>XX</u>



NOTES: UNLESS OTHERWISE SPECIFIED,



SECTION A-A
(SCALE 1"=10')



AND LOGAN MANSURE, COASTAL WISSE, ON BOARD
 THE VESSEL "WISSE" COASTAL WISSE, ON BOARD

4. NO CRACK ALLOWED ON ROLDED PART.
3. MOLDED PART SHOULD MEET BOWDEN CRACKING CRITERIA.
2. MOLDED PART SHOULD BE FREE OF FLAKES.

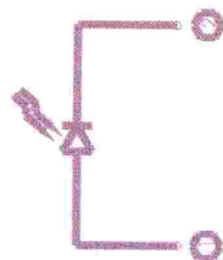
NOTES: UNLESS OTHERWISE SPECIFIED.

4. NO CRACK ALLOWED ON MOLDED PART.
3. MOLDED PART SHOULD MEET BOWDEN CRACKING CRITERIA.
2. MOLDED PART SHOULD BE FREE OF FLASHES.

NOTES: UNLESS OTHERWISE SPECIFIED:

Form ENG023 (04/93)

Probe P858 RA 03/25/98



SCHEMATIC DIAGRAM

FINISHED PARY

NOTES: UNLESS OTHERWISE SPECIFIED,

Form ENG-023 (04/93)

Probe P858 RA 03/25/98

03/25/98



SYNLOGAL APPLIQUE CONSULTING, CA 92089

CABLE ASSEMBLY

TITLE

DRAWING NUMBER

OWG NO.

SCALE:

Size: B

2030 SHEET

CLASS FILE NAME: DOB FILE NAME:

FINIS

MATERIAL

A. REMOVING ALL BUFFERS
B. REMOVING ALL SPACES
C. REMOVING ALL TABS
D. REMOVING ALL NEWLINES
E. REMOVING ALL COMMENTS

IS YOUR FRANCHISE?

RESEARCH

2X15

20

1

Form ENG-023 (04/93)

NOTES: UNLESS OTHERWISE SPECIFIED,

* JENNIFER.DONOVAN@JHU.EDU 703.762.7212

ANNE HILL, FOUNDER

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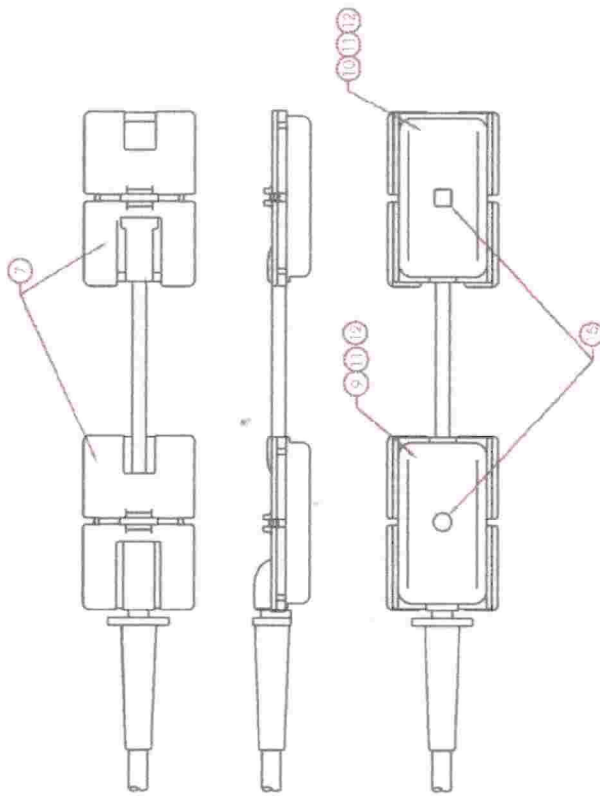
1000

17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 1042 1043 1044 1045 1046 1047 1048

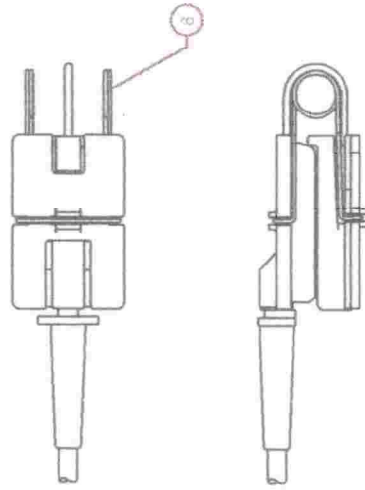
ON-SCREEN

2025 RELEASE UNDER E.O. 14176

Probe P858 RA 03/25/98



FRAME TO POUCH/CABLE ASSEMBLY



SPRING TO POUCH ASSEMBLY

 17000/020000 AVENUE CORTES, MOSSA, CA 94039		REV REVISION LETTER	
TITLE FINAL ASSEMBLY		DWG NO. DRAWING NUMBER	
SCALE SCALE:		SIZE B	
SHEET SHEET		OF OF OF OF	
FINISH FINISH		ANGLE TOLERANCE ANGLE TOLERANCE	
MATERIAL MATERIAL		ANGLE TOLERANCE ANGLE TOLERANCE	
A. DIMENSIONAL BOND B. DIMENSIONAL BOND C. DIMENSIONAL BOND D. DIMENSIONAL BOND E. DIMENSIONAL BOND F. DIMENSIONAL BOND G. DIMENSIONAL BOND		H. DIMENSIONAL BOND I. DIMENSIONAL BOND J. DIMENSIONAL BOND K. DIMENSIONAL BOND L. DIMENSIONAL BOND M. DIMENSIONAL BOND N. DIMENSIONAL BOND O. DIMENSIONAL BOND P. DIMENSIONAL BOND Q. DIMENSIONAL BOND R. DIMENSIONAL BOND S. DIMENSIONAL BOND T. DIMENSIONAL BOND U. DIMENSIONAL BOND V. DIMENSIONAL BOND W. DIMENSIONAL BOND X. DIMENSIONAL BOND Y. DIMENSIONAL BOND Z. DIMENSIONAL BOND	

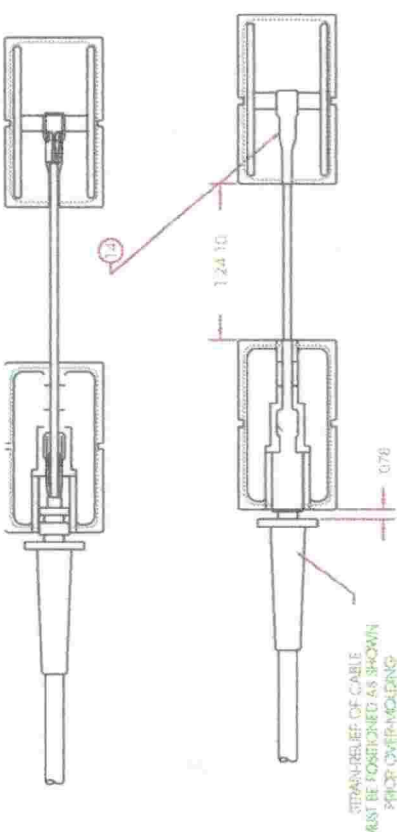
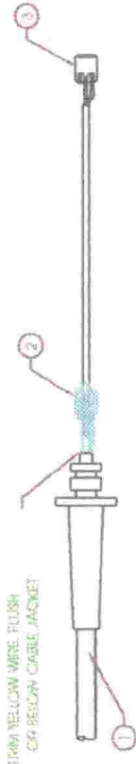
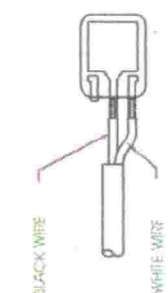
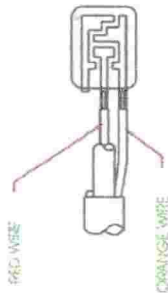
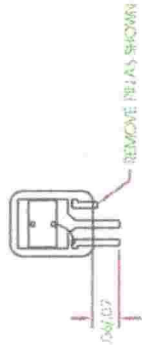
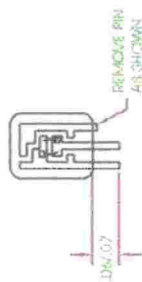
NOTES: UNLESS OTHERWISE SPECIFIED.

Form ENG023 (04/93)

Probe P858 RA 03/25/98

EMITTER

DETECTOR



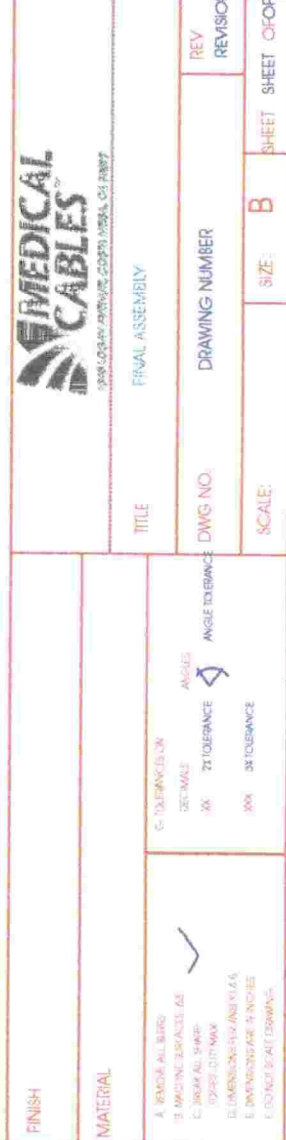
CABLE ASSEMBLY TO POUCH

CERAMIC ASSEMBLY (LED/DET) TO CABLE

		1000 JOSHUA AVENUE, SUITE 100, LAGUNA, CA 92653	
TITLE: FINAL ASSEMBLY		REV: REVISION LETTER	
DWG NO:		DRAWING NUMBER	
SCALE:		SIZE: B SHEET: 1 OF 1	
FINISH		ANGLE TOLERANCE: ANGULAR	
MATERIAL		ANGLE TOLERANCE: ANGULAR	
A. FINISH: ALL SURFACES		ANGLE TOLERANCE: ANGULAR	
B. FINISH: ALL SURFACES		ANGLE TOLERANCE: ANGULAR	
C. FINISH: ALL SURFACES		ANGLE TOLERANCE: ANGULAR	
D. FINISH: ALL SURFACES		ANGLE TOLERANCE: ANGULAR	
E. FINISH: ALL SURFACES		ANGLE TOLERANCE: ANGULAR	
F. FINISH: ALL SURFACES		ANGLE TOLERANCE: ANGULAR	

NOTES: UNLESS OTHERWISE SPECIFIED

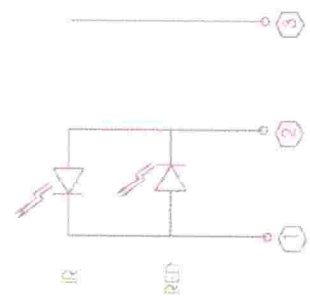
FORM ENG023 (04/93)



NOTES: UNLESS OTHERWISE SPECIFIED:

Form ENG023 (04/93)

Probe P858 RA 03/25/98

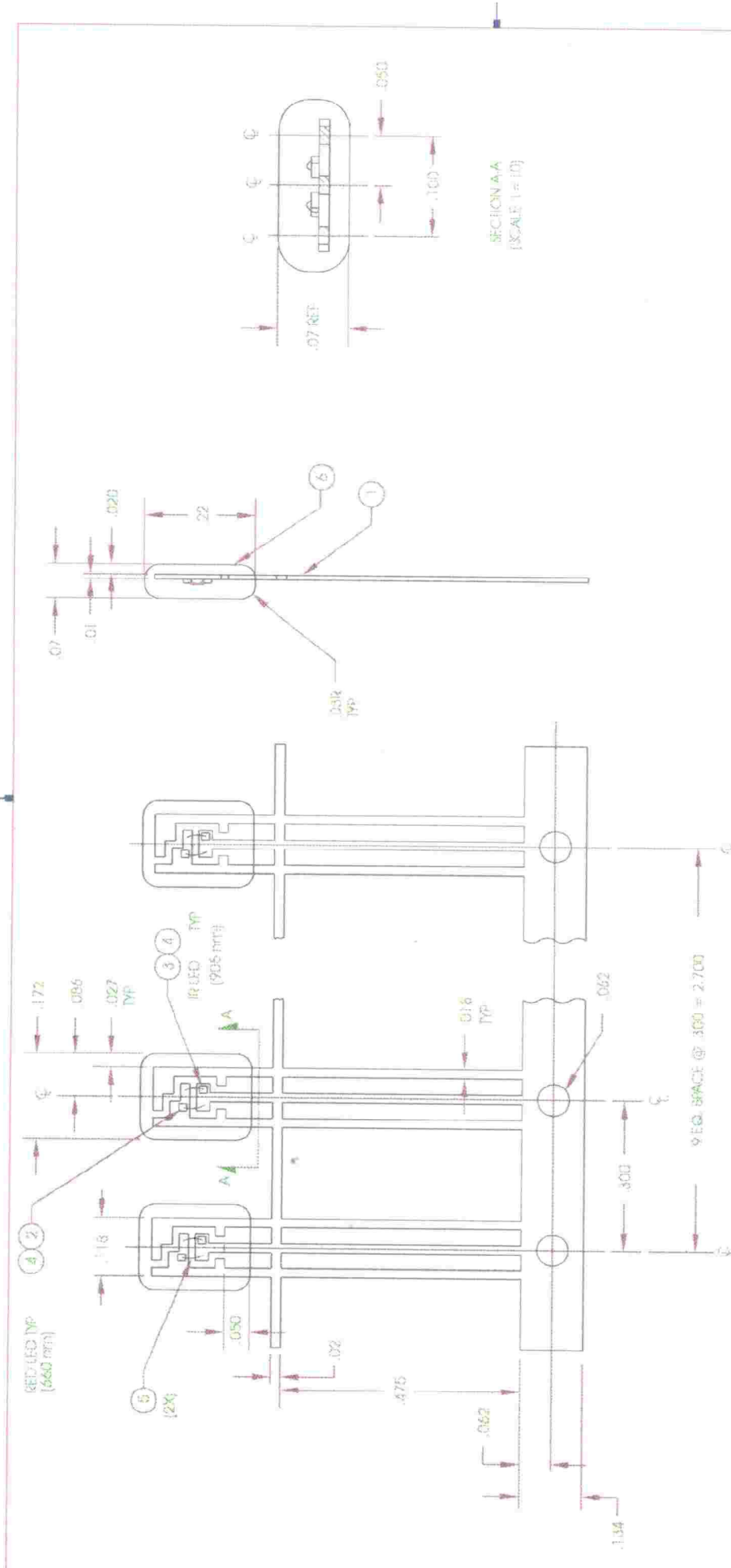


SCHEMATIC DIAGRAM

	13000 LUDLOW AVENUE, COSTA MESA, CA 92626	
	TITLE LED ASSEMBLY	REV
DWG NO	DRAWING NUMBER	REVISION LETTER
SCALE	SIZE B	SHEET SHEET OF OF

FINISHED PART

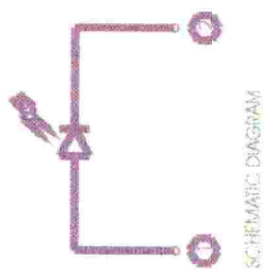
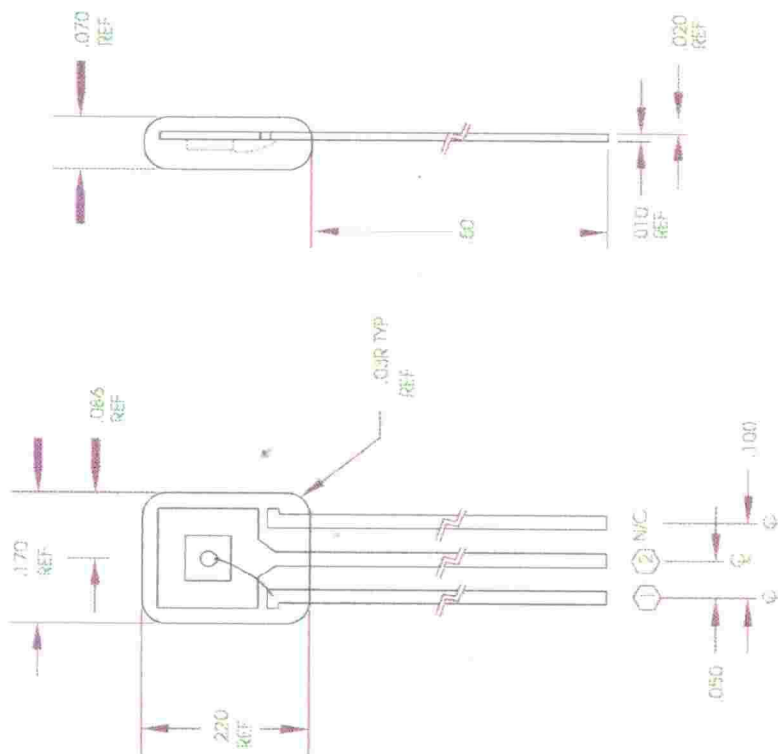
NOTES: UNLESS OTHERWISE SPECIFIED,



		TITLE LED ASSEMBLY		REV REVISION LETTER	
FINISH MATERIAL 1.32		DWG NO SCALE B		SHEET OF 10	
1. REMAINING DIMENSIONS 2. DIMENSIONS 3. DIMENSIONS 4. DIMENSIONS 5. DIMENSIONS 6. DIMENSIONS		ANGLE TOLERANCE 30° 45° 60° 90° 120° 150° 180° 270° 360°		DRAWING NUMBER SHEET 1 OF 10	

- 4. NO CRACK ALLOWED ON MOLDED PART.
- 3. MOLDED PART SHOULD MEET ROHS COMPLIANCE CRITERIA.
- 2. MOLDED PART SHOULD BE FREE OF FLASHES.

NOTES: UNLESS OTHERWISE SPECIFIED.

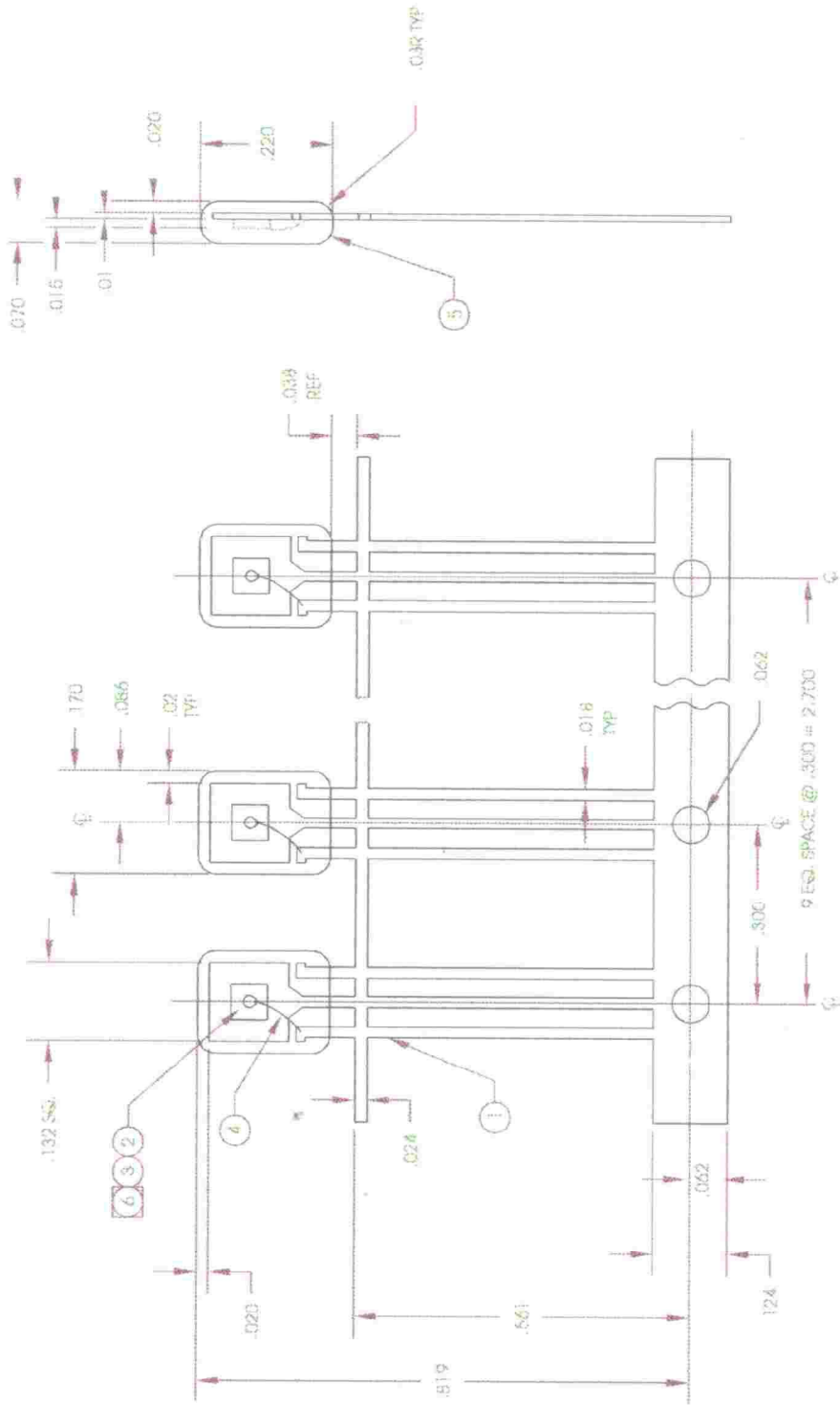


FINISHED PART

		DETECTOR ASSEMBLY	
TITLE		DWG NO.	
MATERIAL		DRAWING NUMBER	
FINISH		SCALE	
A. REMOVAL BUSH B. MACHINING SURFACES AS SHOWN C. REMAINING SURFACES AS SHOWN D. DIMENSIONS IN INCHES E. DIMENSIONS IN MILLIMETERS F. DO NOT SCALE DRAWING		G. TOLERANCES ON DECIMALS .XX 2X TOLERANCE .XXX 3X TOLERANCE	
H. ANGLE		I. ANGLE TOLERANCE	
J. REVISION LETTER		K. SHEET OF OF	
L. REV		M. SIZE	
N. B		O. DOB FILE NAME	

NOTES: UNLESS OTHERWISE SPECIFIED.

FORM ENG023 (04/93)



6 MOUNT CHIP AS SHOWN, CENTER CHIP TO CENTER OF PAD WITHIN 0.01"

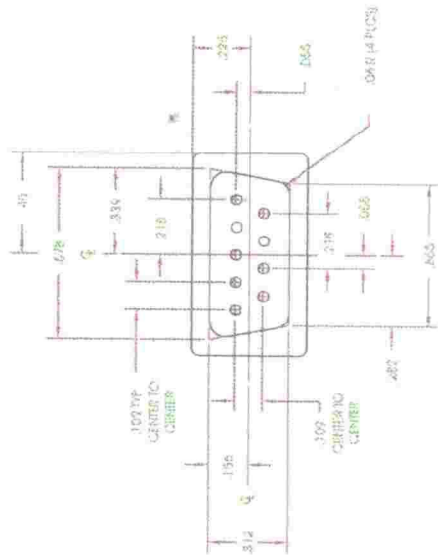
5 NO CRACK ALLOWED ON MOLDED PART.

3 MOLDED PART SHOULD MEET 80/80 SCRATCH/DIG CRITERIA.

2 MOLDED PART SHOULD BE FREE OF FLASHES.

NOTES: UNLESS OTHERWISE SPECIFIED.

 1750 LORAIN AVENUE, COVINGTON, LA 70040	
TITLE DETECTOR ASSEMBLY	
DWG NO.	DRAWING NUMBER
SCALE	SIZE: B
SHEET 1 OF 1 SHEET 1 OF 1	
REVISION LETTER REV	
FINISH MATERIAL	
A. MOUNT ALL EDGE B. MOUNTING SURFACE: 50 C. BREAK ALL SHARP D. DIMENSIONS AND TOLERANCES E. DIMENSIONS AND TOLERANCES F. DIMENSIONS AND TOLERANCES	
G. TOLERANCES UNLESS OTHERWISE SPECIFIED DECIMAL ANGLES 2X TOLERANCE 3X TOLERANCE	



DETAIL A

NOTES: UNLESS OTHERWISE SPECIFIED,

Form ENG028 (04/93)

FINISH MATERIAL	A. RADIUS ALL BURS B. MACHINE SURFACES AS C. INTERNAL SURF EDGE 0.0004 D. DIMENSIONS PER ANSI Y14.5 E. DIMENSIONS IN INCHES F. DO NOT SCALE DRAWING	1/4" TOLERANCE DECIMALS .001 .002 TOLERANCE .001 .003 TOLERANCE .001	ANGLE 	DRAWING NUMBER	REV	SHEET OF	DOOR FILE NAME
					TITLE CABLE ASSEMBLY		

Probe P861 RA 03/25/98

CONNECTED TO THE OUTSIDE OF THE CABLE TO THE 7
CABLES TO THE 7 CABLES TO THE 7 CABLES TO THE 7 CABLES

0.0000

100

25 LECTURE 1

7X TELEPHONE

XXX
JDK TOLERANCE

100

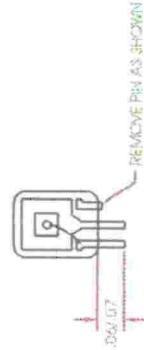
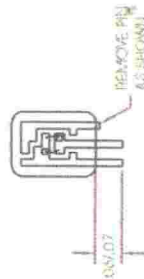
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NOTES: UNLESS OTHERWISE SPECIFIED.

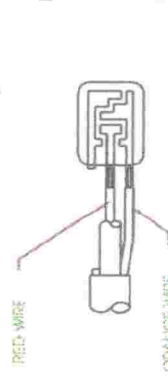
Form ENG023 (04/93)

EMITTER

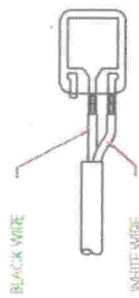
DETECTOR



RED WIRE



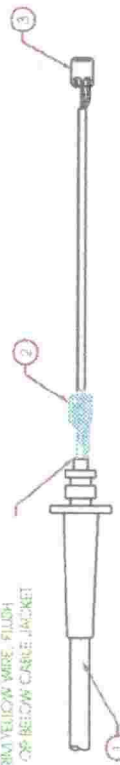
BLACK WIRE



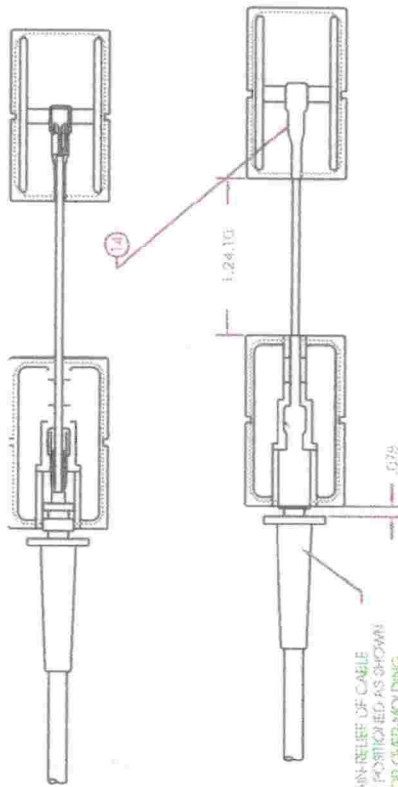
WHITE WIRE

SOLDER WIRE TO BACK SEAT OF PIN (WP)

100% YELLOW WIRE, FLOUGH
OR BELOW CABLE JACKET



CABLE ASSEMBLY TO POUCH



STRAIN RELIEF OF CABLE
MUST BE POSITIONED AS SHOWN
PRIOR TO OVER-MOLDING

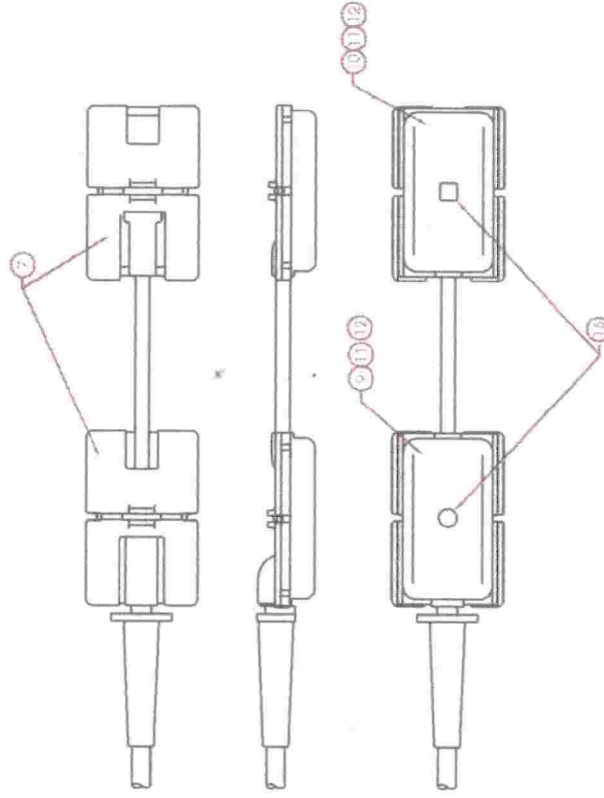
CERAMIC ASSEMBLY (LED/DET) TO CABLE



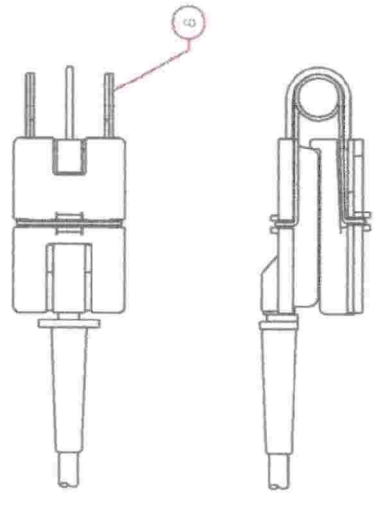
1955 JOSEPH A. BROWN, CHAIRMAN, MEDICAL CABLES

FINISH	TITLE			
	FINAL ASSEMBLY			
MATERIAL	DWG NO.	DRAWING NUMBER	REV	REVISION LETTER
A. FINISH ALL SURFACES B. FINISH ALL SURFACES AS SHOWN C. BREAK ALL SHARP EDGES TO .015 MAX D. DIMENSIONS IN PARENTHESES ARE IN INCHES E. DIMENSIONS ARE IN INCHES F. DO NOT SCALE DRAWING				
6. TOLERANCES ON DECIMALS XX .XX TOLERANCE XXX .XXX TOLERANCE ANGLES ANGLE TOLERANCE				
	SCALE	SIZE	SHEET	SHEET OF
		B		
FORM ENG023 (04/93)				

NOTES: UNLESS OTHERWISE SPECIFIED.

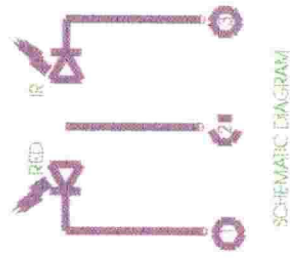
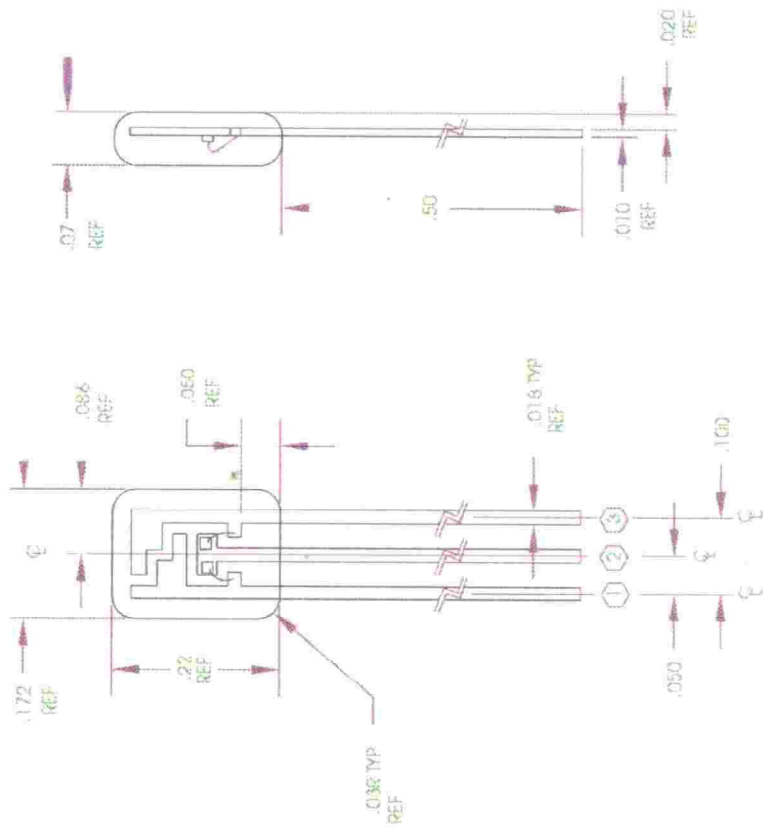


FRAME TO POUCH/CABLE ASSEMBLY



SPRING TO POUCH ASSEMBLY

		TITLE: FINAL ASSEMBLY	
FINISH:		DWG NO.:	
MATERIAL:		SCALE:	
A. GRADE ALL SURF. AS B. MACHINE SURFACES AS C. BEVEL ALL SHARP EDGES R10 MAX D. DIMENSIONS TYP AND V. AS E. DIMENSIONS IN NOTES F. DO NOT SCALE DRAWING		ANGLE TOLERANCE 30° TOLERANCE 30° TOLERANCE 30° TOLERANCE	
NOTES: UNLESS OTHERWISE SPECIFIED.		REV. REVISION LETTER	
SHEET 1 OF 1		SHEET 1 OF 1	



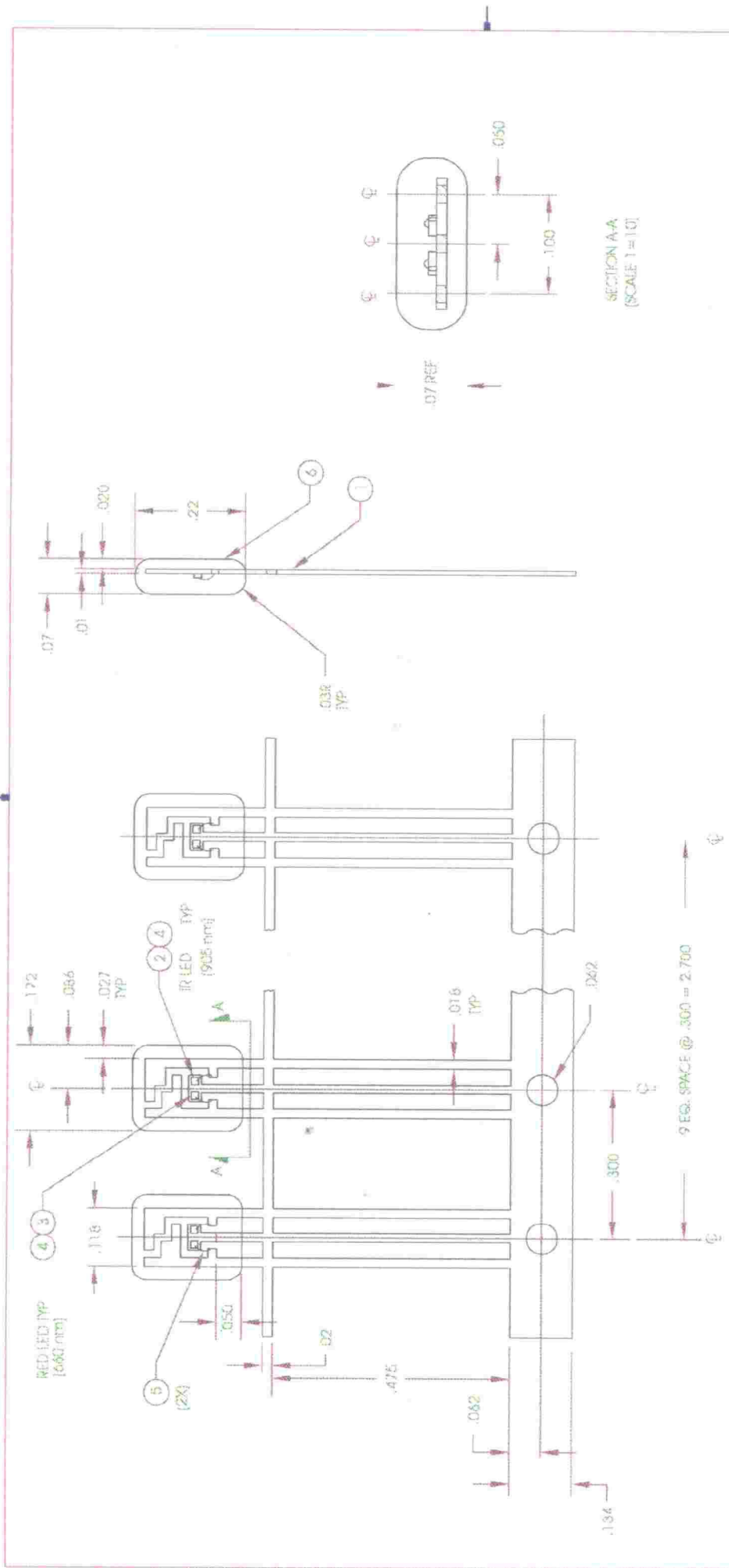
FINISHED PART

		TITLE: LED ASSEMBLY	
FINISH:		MATERIAL:	
A: TOLERANCES ON DECIMALS B: MACHINING SURFACES AS SHOWN C: BREAK ALL DIMENSIONS TO MAX D: DIMENSIONS PER ANSI Y14.5 E: DIMENSIONS ARE IN INCHES F: DON'T SCALE DRAWING		G: TOLERANCES ON ANGLES XX: 2X TOLERANCE XXX: 3X TOLERANCE	
DWG NO.:		DRAWING NUMBER:	
SCALE:		SIZE: B	
REV:		SHEET:	
OF:		OF:	

NOTES: UNLESS OTHERWISE SPECIFIED.

Form ENG023 (04/93)

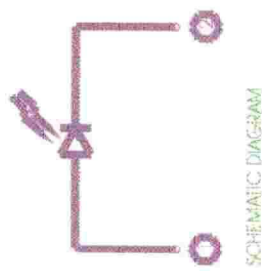
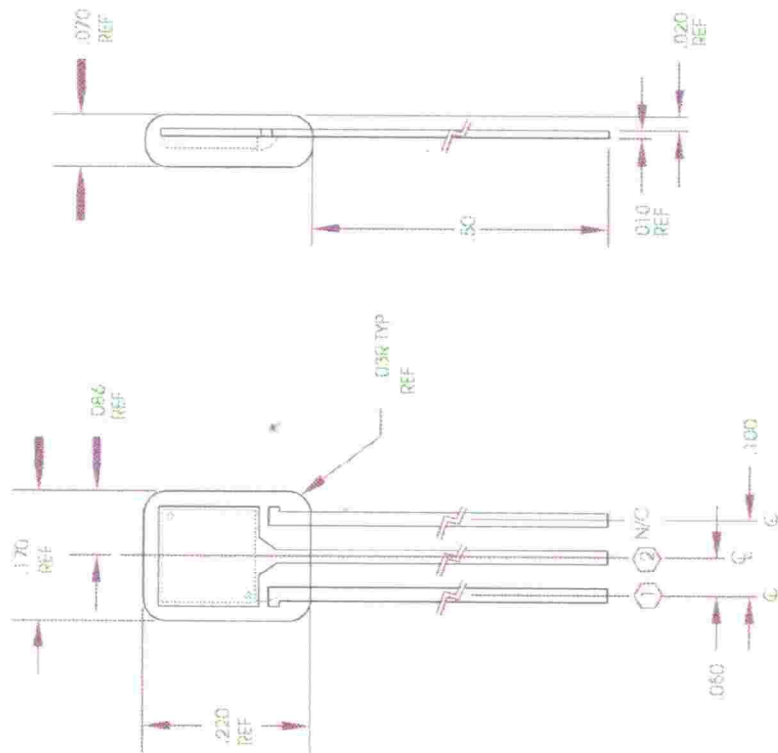
Probe P862 RA 03/25/98



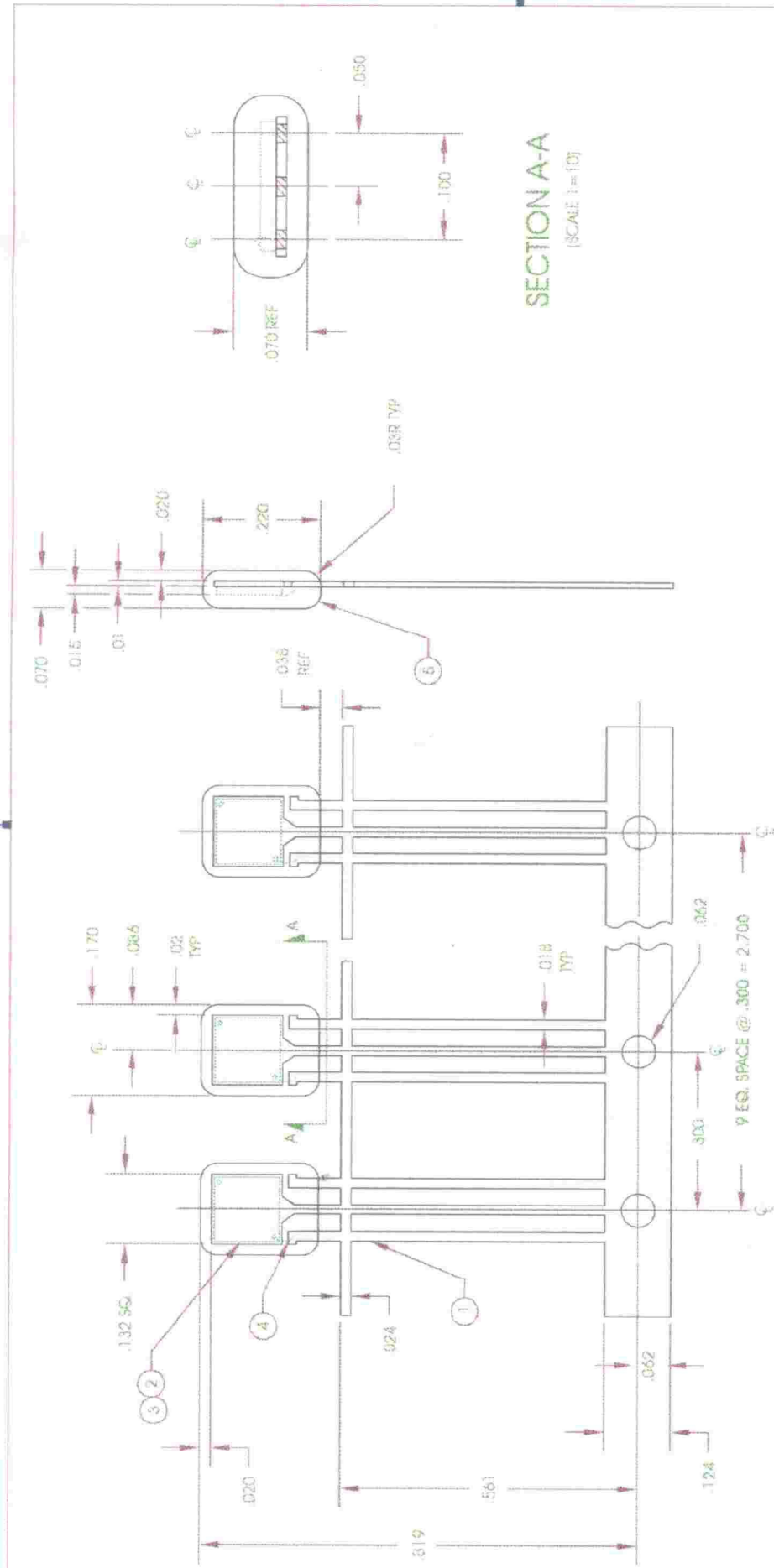
FINISH A. RAUVE ALL SURF. B. MACHINE SURFACES: AS C. BREAK ALL SHARP EDGES TO 0.015 D. DIMENSIONS FROM TILES E. DIMENSIONS ARE IN INCHES F. DIMENSIONS IN MILLIMETERS		MATERIAL A. TOLERANCES ON DIMENSIONS: XX 2X TOLERANCE XXX 3X TOLERANCE ANGLE TOLERANCE ANGLE		REV REVISION LETTER		SIZE B		SHEET OF		DATE 03/25/98	
TITLE LED ASSEMBLY		DWG NO. 1500 LORAIN AVENUE, COOPIA, MESA, CA 92592		DRAWING NUMBER		SCALE		FILE NAME		DATE 03/25/98	

- 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		SIZE	SHEET
MATERIAL		ANGLE TOLERANCE		SIZE	SHEET
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		1X TOLERANCE 2X TOLERANCE 3X TOLERANCE	
NOTES: UNLESS OTHERWISE SPECIFIED.					



FINISH A. MAXIMUM ALLOWABLE B. MAXIMUM SPACE C. MAXIMUM SPACE D. MAXIMUM SPACE E. MAXIMUM SPACE F. MAXIMUM SPACE		MATERIAL G. MAXIMUM SPACE H. MAXIMUM SPACE I. MAXIMUM SPACE J. MAXIMUM SPACE K. MAXIMUM SPACE L. MAXIMUM SPACE M. MAXIMUM SPACE N. MAXIMUM SPACE O. MAXIMUM SPACE P. MAXIMUM SPACE Q. MAXIMUM SPACE R. MAXIMUM SPACE S. MAXIMUM SPACE T. MAXIMUM SPACE U. MAXIMUM SPACE V. MAXIMUM SPACE W. MAXIMUM SPACE X. MAXIMUM SPACE Y. MAXIMUM SPACE Z. MAXIMUM SPACE		REVISION LETTER REV SHEET OF	
TITLE DETECTOR ASSEMBLY		DWG NO. DRAWING NUMBER		SCALE SIZE: B	
FINISH		MATERIAL		REVISION LETTER	

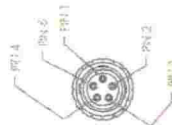
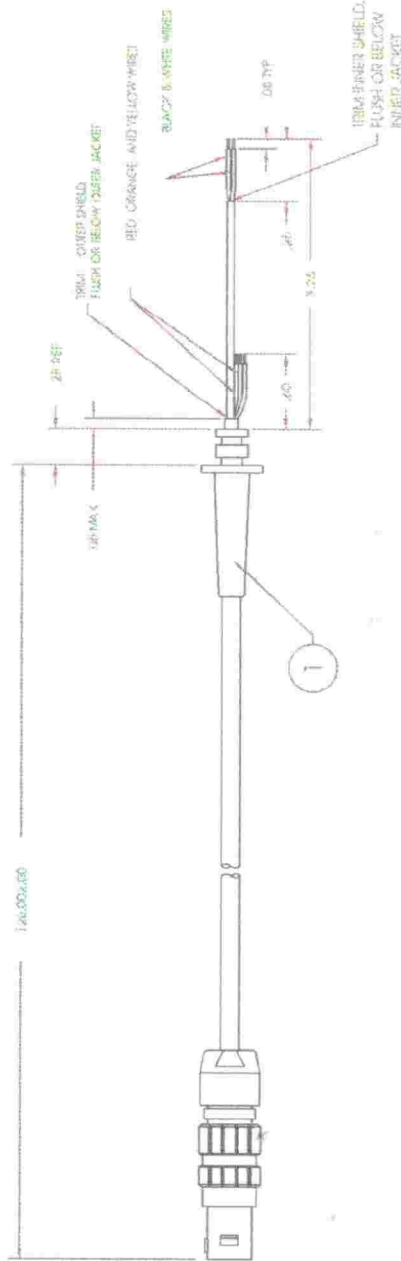
- NO CRACK ALLOWED ON MOLDED PART.
- NO BUBBLE GREATER THAN 7 MIL ALLOWED ON ACTIVE AREA AND GREATER THAN 14 MIL OTHER THAN ACTIVE AREA.
- MOLDED PART SHOULD MEET 50/50 SCRATCHING CRITERIA.
- MOLDED PART SHOULD BE FREE OF FLASHES.

NOTES: UNLESS OTHERWISE SPECIFIED.



Form ENG023 (04/93)

Probe P862 RA 03/25/98



WIRING CHART

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

NOTES: UNLESS OTHERWISE SPECIFIED,



CABLE ASSEMBLY

TITLE

DWG NO.

SCALE

ANGLE

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

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90X TOLERANCE

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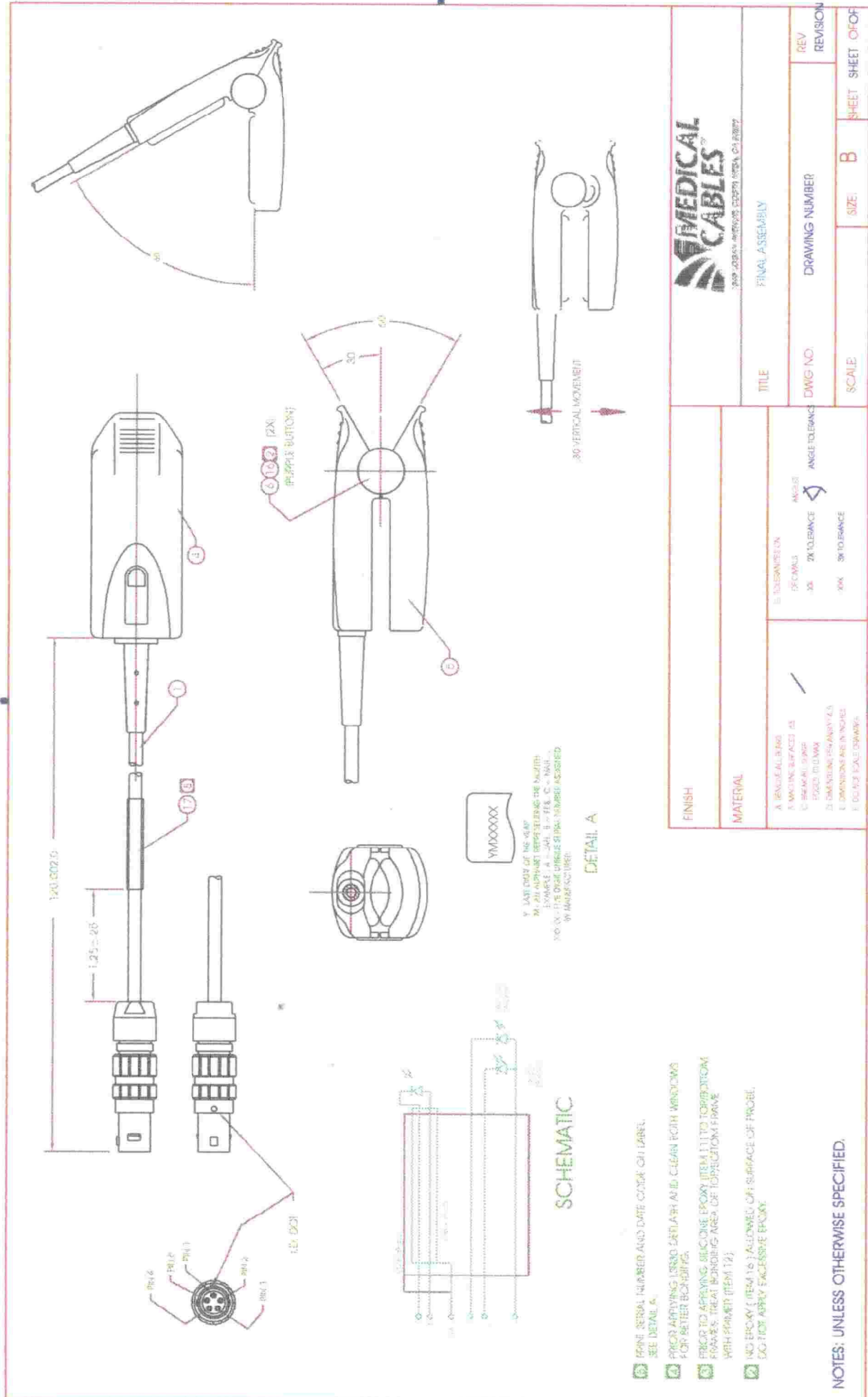
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SCHEMATIC

- 1. PRG 6, PRG 13, PRG 2, PRG 1, PRG 3
- 2. PRG 6, PRG 13, PRG 2, PRG 1, PRG 3
- 3. PRG 6, PRG 13, PRG 2, PRG 1, PRG 3
- 4. PRG 6, PRG 13, PRG 2, PRG 1, PRG 3
- 5. PRG 6, PRG 13, PRG 2, PRG 1, PRG 3

NOTES: UNLESS OTHERWISE SPECIFIED,

Form ENG023 (04/93)



1200 JORDAN AVENUE, SUITE 100, CHICAGO, IL 60622

TITLE FINAL ASSEMBLY

DWG NO.

REVISION LETTER

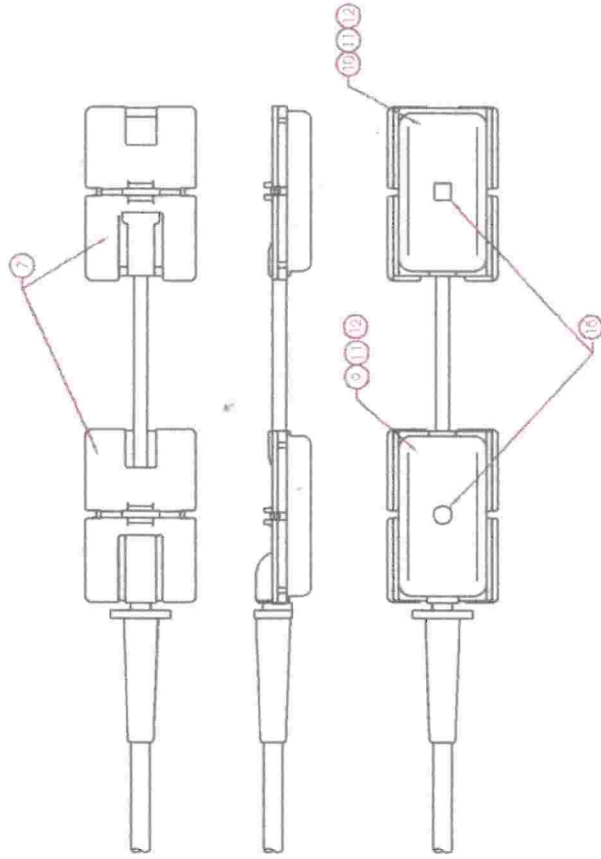
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SIZE

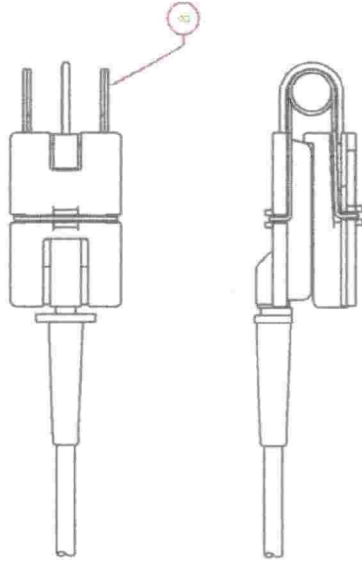
SHEET

O F O F

DWG FILE NAME



FRAME TO POUCH/CABLE ASSEMBLY



SPRING TO POUCH ASSEMBLY

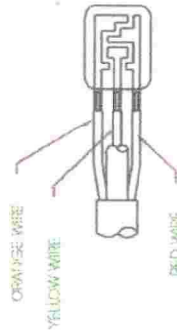
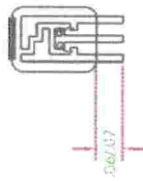
FINISH FINISH		FINAL ASSEMBLY TITLE		REVISION LETTER REV	
MATERIAL MATERIAL		DWG NO. DRAWING NUMBER		SHEET SHEET	
ANGLE ANGLE		SCALE SCALE		SIZE SIZE	
TOLERANCE TOLERANCE		ANGLE TOLERANCE ANGLE TOLERANCE		SHEET OF OF SHEET OF OF	
A. DIMENSIONAL SURFACE B. DIMENSIONAL SURFACE C. DIMENSIONAL SURFACE D. DIMENSIONAL SURFACE E. DIMENSIONAL SURFACE F. DIMENSIONAL SURFACE		G. DIMENSIONAL SURFACE H. DIMENSIONAL SURFACE I. DIMENSIONAL SURFACE J. DIMENSIONAL SURFACE K. DIMENSIONAL SURFACE L. DIMENSIONAL SURFACE M. DIMENSIONAL SURFACE N. DIMENSIONAL SURFACE O. DIMENSIONAL SURFACE P. DIMENSIONAL SURFACE Q. DIMENSIONAL SURFACE R. DIMENSIONAL SURFACE S. DIMENSIONAL SURFACE T. DIMENSIONAL SURFACE U. DIMENSIONAL SURFACE V. DIMENSIONAL SURFACE W. DIMENSIONAL SURFACE X. DIMENSIONAL SURFACE Y. DIMENSIONAL SURFACE Z. DIMENSIONAL SURFACE		A. DIMENSIONAL SURFACE B. DIMENSIONAL SURFACE C. DIMENSIONAL SURFACE D. DIMENSIONAL SURFACE E. DIMENSIONAL SURFACE F. DIMENSIONAL SURFACE G. DIMENSIONAL SURFACE H. DIMENSIONAL SURFACE I. DIMENSIONAL SURFACE J. DIMENSIONAL SURFACE K. DIMENSIONAL SURFACE L. DIMENSIONAL SURFACE M. DIMENSIONAL SURFACE N. DIMENSIONAL SURFACE O. DIMENSIONAL SURFACE P. DIMENSIONAL SURFACE Q. DIMENSIONAL SURFACE R. DIMENSIONAL SURFACE S. DIMENSIONAL SURFACE T. DIMENSIONAL SURFACE U. DIMENSIONAL SURFACE V. DIMENSIONAL SURFACE W. DIMENSIONAL SURFACE X. DIMENSIONAL SURFACE Y. DIMENSIONAL SURFACE Z. DIMENSIONAL SURFACE	

NOTES: UNLESS OTHERWISE SPECIFIED.

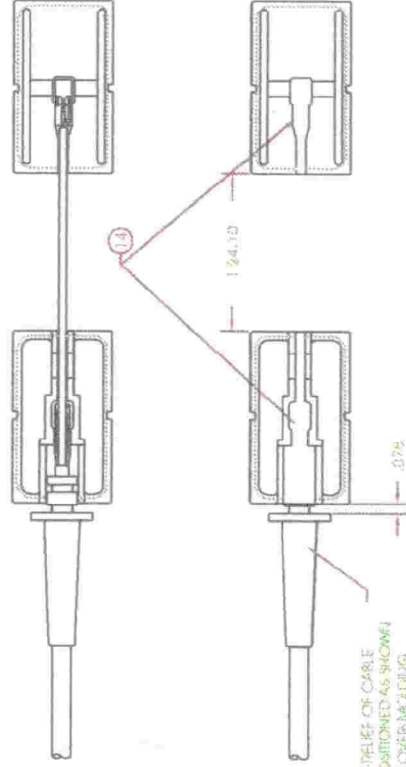
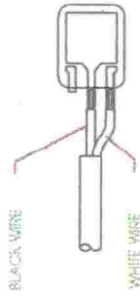
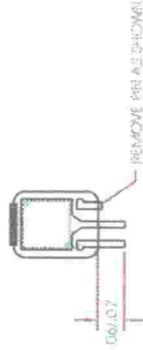
Form ENG023 (04/93)

Probe P862 RA 03/25/98

EMITTER

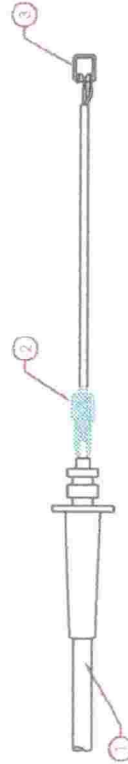


DETECTOR



CABLE ASSEMBLY TO POUCH

CERAMIC ASSEMBLY (LED/DET) TO CABLE



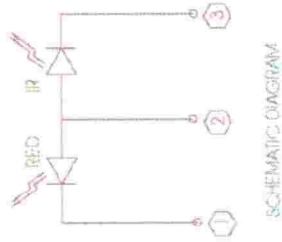
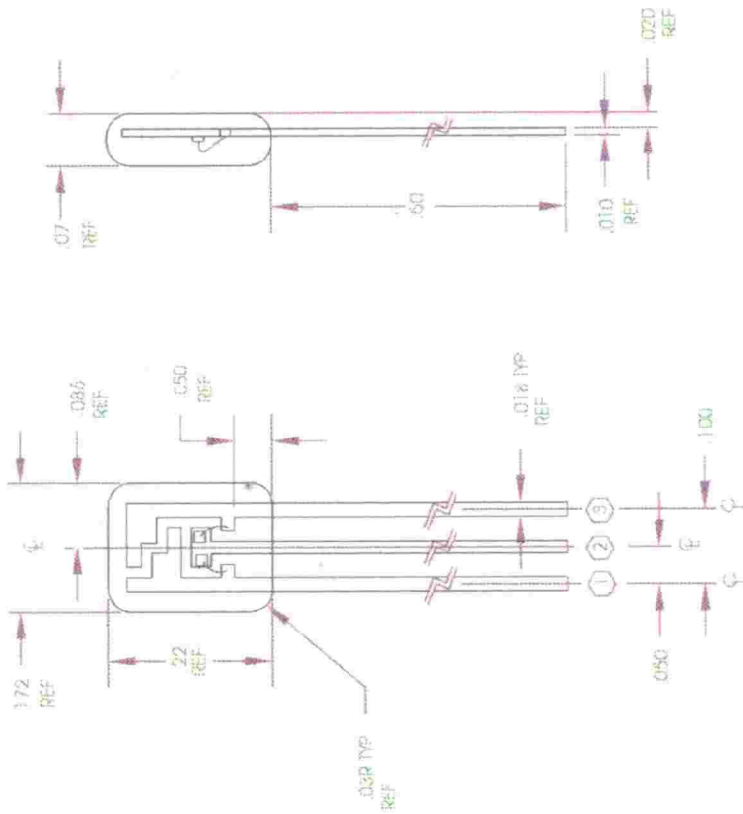
FOR LOGS, SEE THE COMPANY'S WEBSITE

FINISH	TITLE	FINAL ASSEMBLY
MATERIAL	DWG NO.	REVISION LETTER
A. FINISH AL TUBE 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)

Probe P862 RA 03/25/98



SCHEMATIC DIAGRAM

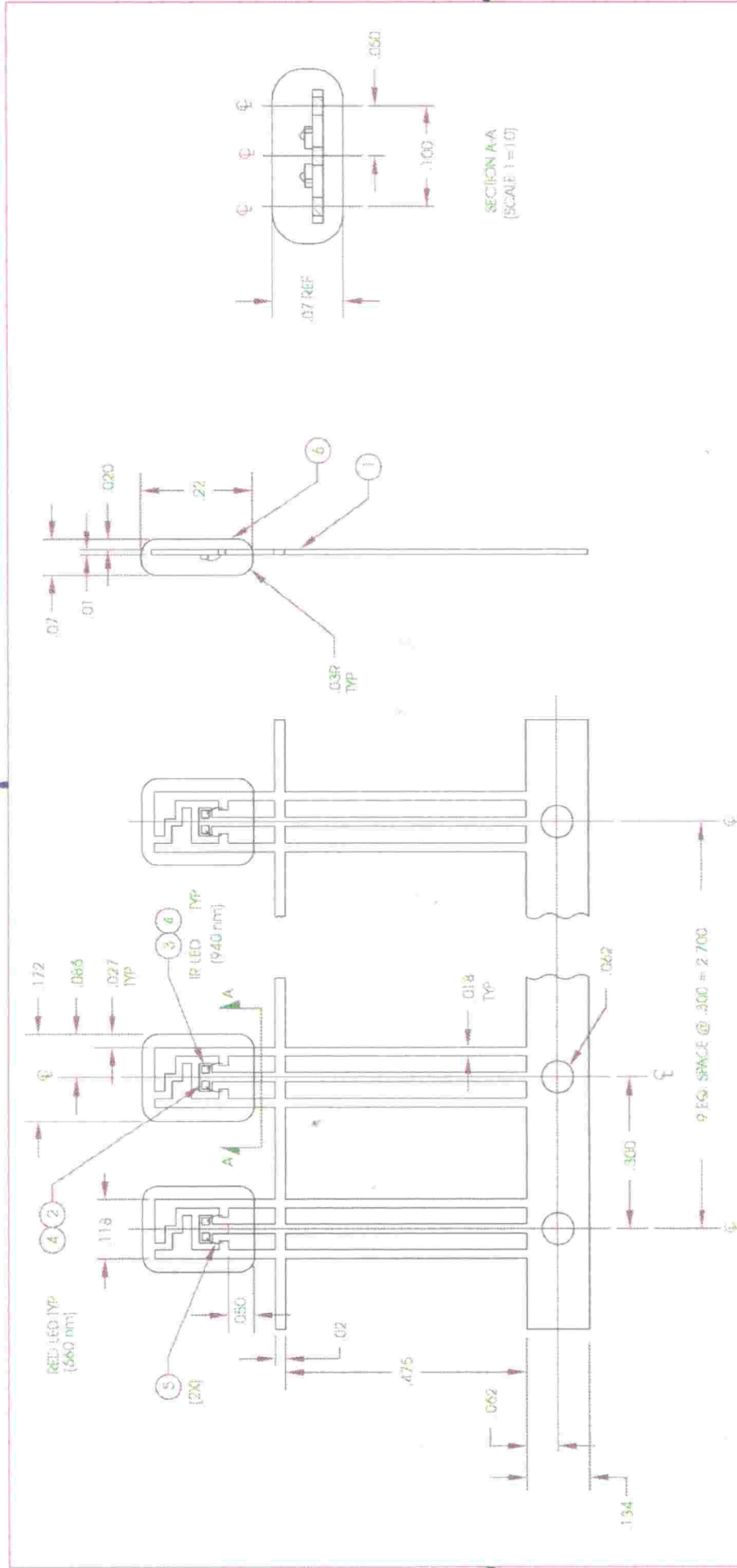
FINISHED PART

TITLE: LED ASSEMBLY	
DWG NO:	DRAWING NUMBER:
SCALE:	SIZE: B
SHEET:	SHEET:
REV:	REVISION LETTER:

FINISH:	MATERIAL:
A. STANDARD BORE B. MACHINE TOLERANCES .01 C. TYPICAL ALL DIMENSIONS D. DIMENSIONS IN PARENTHESES ARE VIALS E. DIMENSIONS IN PARENTHESES ARE VIALS F. DO NOT BLANK DIMENSIONS	TOLERANCE: DIMENSIONS: .001 ANGLES: .001 ANGLE TOLERANCE: .001

NOTES: UNLESS OTHERWISE SPECIFIED.

Form ENG023 (04/93)

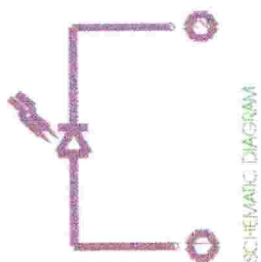
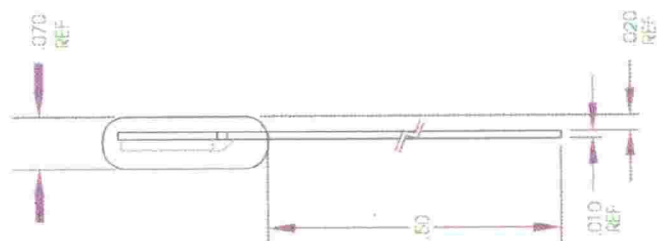
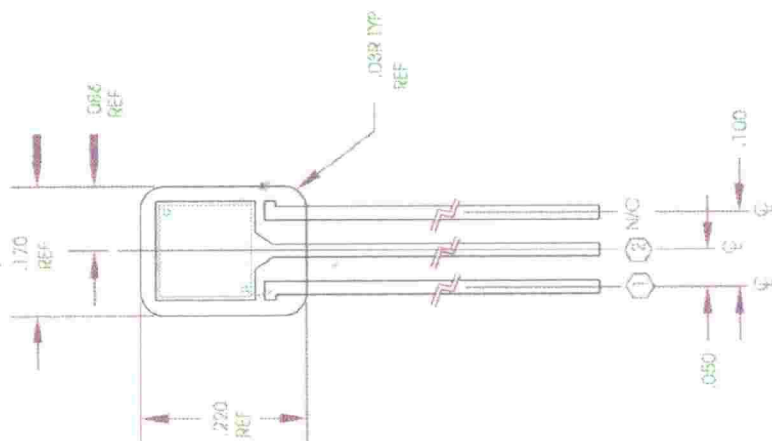


		LED ASSEMBLY	
FINISH		TITLE	
MATERIAL		DWG NO.	
A. PLASTIC BUSHES B. MACHINE SPACERS OF C. BRASS AT 50/50 D. DIMENSIONS ARE IN INCHES E. DIMENSIONS ARE IN MILLIMETERS F. DIMENSIONS ARE IN MILLIMETERS		DRAWING NUMBER	
G. TOLERANCES UNLESS SPECIFIED: .001 .002 .003 .004 .005 .006 .007 .008 .009 .010 .011 .012 .013 .014 .015 .016 .017 .018 .019 .020 .021 .022 .023 .024 .025 .026 .027 .028 .029 .030 .031 .032 .033 .034 .035 .036 .037 .038 .039 .040 .041 .042 .043 .044 .045 .046 .047 .048 .049 .050 .051 .052 .053 .054 .055 .056 .057 .058 .059 .060 .061 .062 .063 .064 .065 .066 .067 .068 .069 .070 .071 .072 .073 .074 .075 .076 .077 .078 .079 .080 .081 .082 .083 .084 .085 .086 .087 .088 .089 .090 .091 .092 .093 .094 .095 .096 .097 .098 .099 .100 .101 .102 .103 .104 .105 .106 .107 .108 .109 .110 .111 .112 .113 .114 .115 .116 .117 .118 .119 .120 .121 .122 .123 .124 .125 .126 .127 .128 .129 .130 .131 .132 .133 .134 .135 .136 .137 .138 .139 .140 .141 .142 .143 .144 .145 .146 .147 .148 .149 .150 .151 .152 .153 .154 .155 .156 .157 .158 .159 .160 .161 .162 .163 .164 .165 .166 .167 .168 .169 .170 .171 .172 .173 .174 .175 .176 .177 .178 .179 .180 .181 .182 .183 .184 .185 .186 .187 .188 .189 .190 .191 .192 .193 .194 .195 .196 .197 .198 .199 .200 .201 .202 .203 .204 .205 .206 .207 .208 .209 .210 .211 .212 .213 .214 .215 .216 .217 .218 .219 .220 .221 .222 .223 .224 .225 .226 .227 .228 .229 .230 .231 .232 .233 .234 .235 .236 .237 .238 .239 .240 .241 .242 .243 .244 .245 .246 .247 .248 .249 .250 .251 .252 .253 .254 .255 .256 .257 .258 .259 .260 .261 .262 .263 .264 .265 .266 .267 .268 .269 .270 .271 .272 .273 .274 .275 .276 .277 .278 .279 .280 .281 .282 .283 .284 .285 .286 .287 .288 .289 .290 .291 .292 .293 .294 .295 .296 .297 .298 .299 .300 .301 .302 .303 .304 .305 .306 .307 .308 .309 .310 .311 .312 .313 .314 .315 .316 .317 .318 .319 .320 .321 .322 .323 .324 .325 .326 .327 .328 .329 .330 .331 .332 .333 .334 .335 .336 .337 .338 .339 .340 .341 .342 .343 .344 .345 .346 .347 .348 .349 .350 .351 .352 .353 .354 .355 .356 .357 .358 .359 .360 .361 .362 .363 .364 .365 .366 .367 .368 .369 .370 .371 .372 .373 .374 .375 .376 .377 .378 .379 .380 .381 .382 .383 .384 .385 .386 .387 .388 .389 .390 .391 .392 .393 .394 .395 .396 .397 .398 .399 .400 .401 .402 .403 .404 .405 .406 .407 .408 .409 .410 .411 .412 .413 .414 .415 .416 .417 .418 .419 .420 .421 .422 .423 .424 .425 .426 .427 .428 .429 .430 .431 .432 .433 .434 .435 .436 .437 .438 .439 .440 .441 .442 .443 .444 .445 .446 .447 .448 .449 .450 .451 .452 .453 .454 .455 .456 .457 .458 .459 .460 .461 .462 .463 .464 .465 .466 .467 .468 .469 .470 .471 .472 .473 .474 .475 .476 .477 .478 .479 .480 .481 .482 .483 .484 .485 .486 .487 .488 .489 .490 .491 .492 .493 .494 .495 .496 .497 .498 .499 .500 .501 .502 .503 .504 .505 .506 .507 .508 .509 .510 .511 .512 .513 .514 .515 .516 .517 .518 .519 .520 .521 .522 .523 .524 .525 .526 .527 .528 .529 .530 .531 .532 .533 .534 .535 .536 .537 .538 .539 .540 .541 .542 .543 .544 .545 .546 .547 .548 .549 .550 .551 .552 .553 .554 .555 .556 .557 .558 .559 .560 .561 .562 .563 .564 .565 .566 .567 .568 .569 .570 .571 .572 .573 .574 .575 .576 .577 .578 .579 .580 .581 .582 .583 .584 .585 .586 .587 .588 .589 .590 .591 .592 .593 .594 .595 .596 .597 .598 .599 .600 .601 .602 .603 .604 .605 .606 .607 .608 .609 .610 .611 .612 .613 .614 .615 .616 .617 .618 .619 .620 .621 .622 .623 .624 .625 .626 .627 .628 .629 .630 .631 .632 .633 .634 .635 .636 .637 .638 .639 .640 .641 .642 .643 .644 .645 .646 .647 .648 .649 .650 .651 .652 .653 .654 .655 .656 .657 .658 .659 .660 .661 .662 .663 .664 .665 .666 .667 .668 .669 .670 .671 .672 .673 .674 .675 .676 .677 .678 .679 .680 .681 .682 .683 .684 .685 .686 .687 .688 .689 .690 .691 .692 .693 .694 .695 .696 .697 .698 .699 .700 .701 .702 .703 .704 .705 .706 .707 .708 .709 .710 .711 .712 .713 .714 .715 .716 .717 .718 .719 .720 .721 .722 .723 .724 .725 .726 .727 .728 .729 .730 .731 .732 .733 .734 .735 .736 .737 .738 .739 .740 .741 .742 .743 .744 .745 .746 .747 .748 .749 .750 .751 .752 .753 .754 .755 .756 .757 .758 .759 .760 .761 .762 .763 .764 .765 .766 .767 .768 .769 .770 .771 .772 .773 .774 .775 .776 .777 .778 .779 .780 .781 .782 .783 .784 .785 .786 .787 .788 .789 .790 .791 .792 .793 .794 .795 .796 .797 .798 .799 .800 .801 .802 .803 .804 .805 .806 .807 .808 .809 .810 .811 .812 .813 .814 .815 .816 .817 .818 .819 .820 .821 .822 .823 .824 .825 .826 .827 .828 .829 .830 .831 .832 .833 .834 .835 .836 .837 .838 .839 .840 .841 .842 .843 .844 .845 .846 .847 .848 .849 .850 .851 .852 .853 .854 .855 .856 .857 .858 .859 .860 .861 .862 .863 .864 .865 .866 .867 .868 .869 .870 .871 .872 .873 .874 .875 .876 .877 .878 .879 .880 .881 .882 .883 .884 .885 .886 .887 .888 .889 .890 .891 .892 .893 .894 .895 .896 .897 .898 .899 .900 .901 .902 .903 .904 .905 .906 .907 .908 .909 .910 .911 .912 .913 .914 .915 .916 .917 .918 .919 .920 .921 .922 .923 .924 .925 .926 .927 .928 .929 .930 .931 .932 .933 .934 .935 .936 .937 .938 .939 .940 .941 .942 .943 .944 .945 .946 .947 .948 .949 .950 .951 .952 .953 .954 .955 .956 .957 .958 .959 .960 .961 .962 .963 .964 .965 .966 .967 .968 .969 .970 .971 .972 .973 .974 .975 .976 .977 .978 .979 .980 .981 .982 .983 .984 .985 .986 .987 .988 .989 .990 .991 .992 .993 .994 .995 .996 .997 .998 .999 .1000		SCALE:	
REV		REVISION LETTER	
SIZE		SHEET	
OF		OF	

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

NOTES: UNLESS OTHERWISE SPECIFIED.

Form ENG023 (04/93)



EXCHEMATIC DIAGRAM

FINISHED PART



1340 LOGAN AVENUE, CLEVELAND, OHIO 44115

DETECTOR ASSEMBLY

THE

A. 6 INCHES ALL 5 SIDE
B. 6 INCHES ALL 4 SIDE
C. 6 INCHES ALL 4 SIDE
D. 6 INCHES ALL 4 SIDE
E. 6 INCHES ALL 4 SIDE

G. LAFRANCE ET AL.

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NOTES

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ANGLE TOLERANCE

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NOTES: UNLESS OTHERWISE SPECIFIED,

Form ENG-023 (04/93)

Probe P875 RA 03/25/98

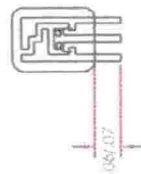


NOTES: UNLESS OTHERWISE SPECIFIED:

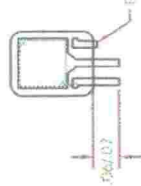
Form ENG-023 (04/93)

Probe P875 RA 03/25/98

EMITTER

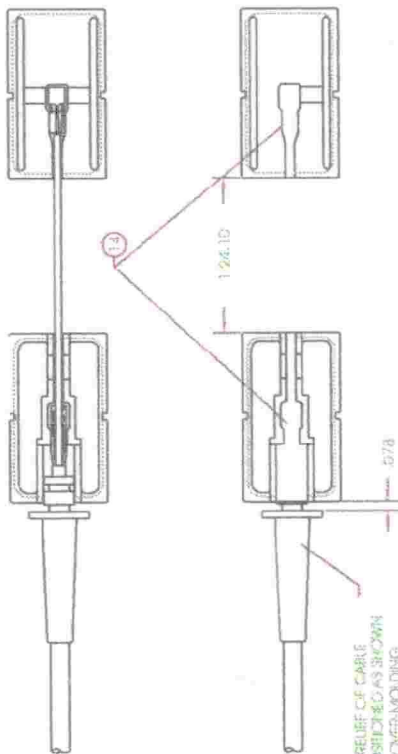
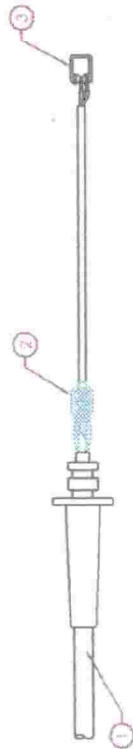


DETECTOR



ORANGE WIRE
YELLOW WIRE
RED WIRE

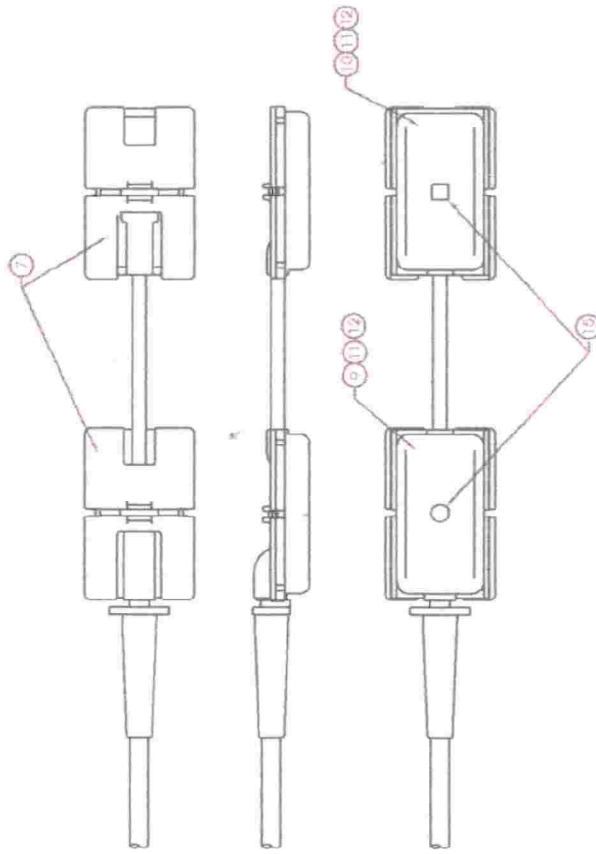
BLACK WIRE
WHITE WIRE
SOLDER WIRE TO BACK SIDE OF PIN (TOP)



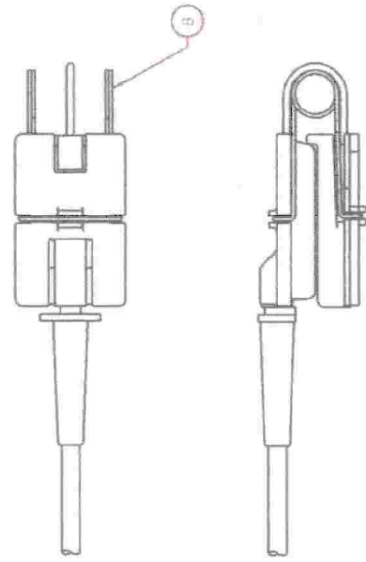
CABLE ASSEMBLY TO POUCH

CERAMIC ASSEMBLY (LED/DET) TO CABLE

 MANUFACTURED BY MEDICAL CABLES, INC. 1000 N. 10TH AVE. CHANDLER, AZ 84904		TITLE: FINAL ASSEMBLY	
FINISH		DWG NO.	
MATERIAL		DRAWING NUMBER	
A. REVIEW ALL DIMS B. MACHINE SURFACES (AS SHOWN) C. DIMENSIONAL TOLERANCES (SEE DIMS) D. DIMENSIONS ARE IN INCHES E. DIMENSIONS ARE IN INCHES F. DIMENSIONS ARE IN INCHES		SCALE: B	
DATE: 03/25/98		DESIGNED BY: J. W. W. W.	
NOTES: UNLESS OTHERWISE SPECIFIED:		REV. 1	
FORM ENG023 (04/93)		SHEET 1 OF 1	



FRAME TO POUCH/CABLE ASSEMBLY

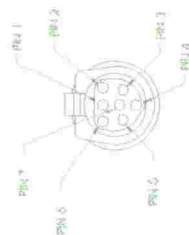


SPRING TO POUCH ASSEMBLY

NOTES: UNLESS OTHERWISE SPECIFIED:

 1400 LOGAN AVENUE SUITE 20000, HUNTSVILLE, AL 35894		TITLE: FINAL ASSEMBLY		REV:	REVISION LETTER:
DWG NO.:		DRAWING NUMBER:		SCALE:	SHEET: B
FINISH:		MATERIAL:		DIMENSIONS:	DIMENSIONS:
A. STANDARD SIZE B. MAXIMUM TOLERANCE: .015 C. MINIMUM TOLERANCE: .005 D. DIMENSIONS: .015 (1.5) E. DIMENSIONS: .015 (1.5) F. DIMENSIONS: .015 (1.5)		DIMENSIONS:		DIMENSIONS:	DIMENSIONS:
DIMENSIONS:		DIMENSIONS:		DIMENSIONS:	DIMENSIONS:

Form ENG023 (04/93)



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

MEDICAL CABLES

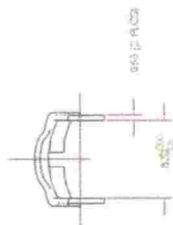
SAN LUDOVIC AVENUE, COSTA MESA, CA 92626

A. REMOVE ALL BURST B. MARKING SPACINGS AS C. REMOVE ALL SHAPE D. EXCESS FILE MARK E. DIMENSIONS PER ANSI V. 4.5 F. DIMENSIONS ARE IN INCHES IT DOES NOT REUSE DIMENSIONS	G. TOLERANCES - IN REF. MARKS XX 7X TOLERANCE ANGLE ANGLE TOLERANCE XXX 3X TOLERANCE	TITLE CABLE ASSEMBLY	DWG. NO. DRAWING NUMBER	REV REVISION LETTER	SCALE: SIZE: B SHEET SHEET OF OF
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NOTES: UNLESS OTHERWISE SPECIFIED.

Form: ENG023 (04/93)

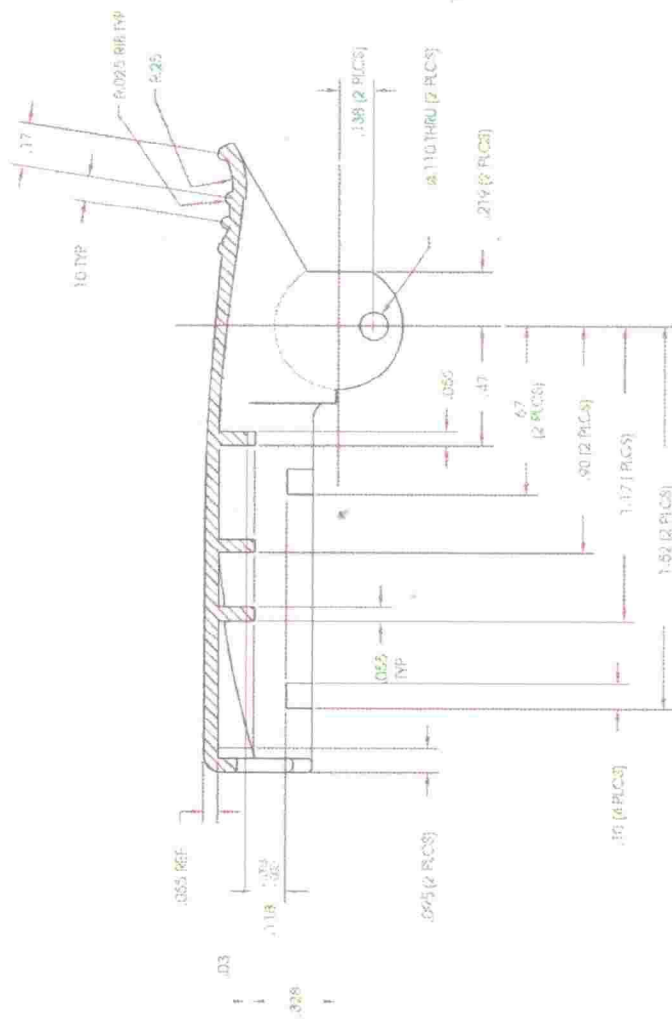
Probe P875 RA 03/25/98



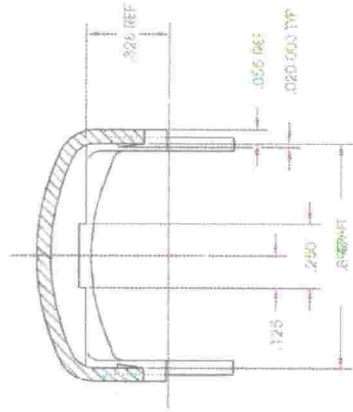
- NOTES: UNLESS OTHERWISE SPECIFIED.

Form ENG023 (04/93)

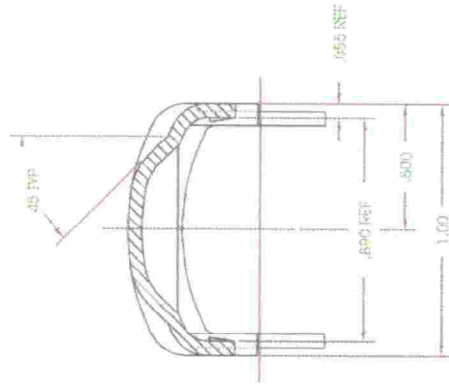
03/25/98



SECTION VIEW A-A
[SCALE: 2X]



SECTION VIEW B-B
[SCALE: 2X]



SECTION VIEW C-C
[SCALE: 2X]

FINISH		MATERIAL		5% TOLERANCE ON		ANGLE		REV		REVISION		LETTER		
				0.0001		0.001		DWG NO.		DRAWING NUMBER				
				2X TOLERANCE		3X TOLERANCE		SCALE		SIZE			SHEET	OF
				3X TOLERANCE		4X TOLERANCE				B			SHEET	OF
FINISH		MATERIAL		5% TOLERANCE ON		ANGLE		REV		REVISION		LETTER		
				0.0001		0.001		DWG NO.		DRAWING NUMBER				
				2X TOLERANCE		3X TOLERANCE		SCALE		SIZE		SHEET	OF	
				3X TOLERANCE		4X TOLERANCE				B		SHEET	OF	

NOTES: UNLESS OTHERWISE SPECIFIED.

Form ENGO23 (04/93)

DRAWING NAME

DWG FILE NAME

DWG FILE NAME

NOTES: UNLESS OTHERWISE SPECIFIED,

Form ENG023 (04/93)

03/25/98

THIS DOCUMENT OUTLINES THE SPECIFICATIONS FOR THE RAW CABLE (DOT P/N 75-00085). THE CABLE IS COMPRISED OF A SHIELDED, TWISTED PAIR OF CONDUCTORS TOGETHER WITH A THREE (3) WIRE GROUP OF INSULATED CONDUCTORS ALL WITHIN AN SHIELDED OUTER JACKET.

2.0 GENERAL SPECIFICATIONS:

- 30 AWG, 24/44 HARD BAIRE CADMIUM COPPER ALLOY.
- 0.006" POLYPROPYLENE TO 0.025" 0.002 O.D.
- COLOR : RED, YELLOW, ORANGE.

2.2.2 JACKETED SHIELDED, TWISTED PAIR:

TWO CONDUCTORS, EACH:

- 30 AWG, 25/44 HARD BARE CADMIUM COPPER ALLOY.
- 0.006" POLYPROPYLENE TO 0.025" O.D.
- COLOR : BLACK AND WHITE.

SHIELDS

- 8-7-44 TINNED COPPER SPIRAL SHIELD, 95% MIN. COVERAGE.
- JACKET
- .007" WHITE PVC TO .068" .003" O.D.

2.3 OUTER JACKET

- .001 PAPER TAPE WRAP, 50% OVERLAP
- 12-6-40 TINNED COPPER SPIRAL SHIELD, 95% MILL COVERAGE
- .002" WHITE PVC JACKET TO .157.005 O.D.

2.4 TRIBOELECTRIC EFFECT:

THE CABLE CONSTRUCTION SHOULD MINIMIZE TRIELECTRIC EFFECTS.

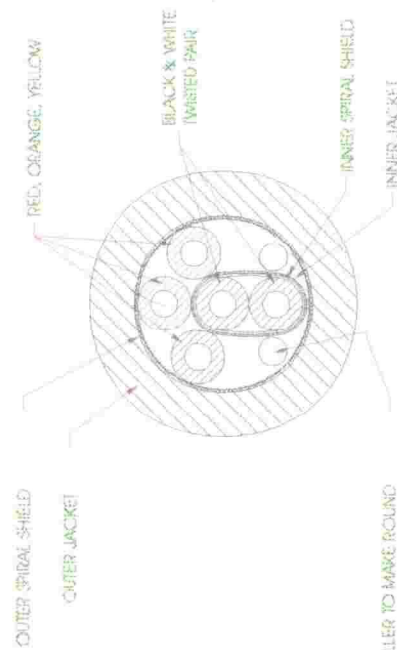
CABLE SPEC.,
5 CONDUCTORS

3.0 MECHANICAL SPECIFICATIONS:

3.1 CABLE SCHEMATIC



CABLE THE 3 SINGLES AND THE JACKETED, SHIELDED, TWISTED PAIR AS SHOWN.



3.2 CABLE CROSS SECTION:

FINISH	MATERIAL	✓ 5 A REMOVE ALL BURRS B MACHINE SURFACES .65 C RIGID ALL SPARKS D FEEDS 3/10 MAX E DIMENSIONS PER FIG 4.0 F DIMENSIONS PER 1/4 INCHER F 200 VOLT SCALE DRAWING	G TOLERANCES ON DIMENSIONS XX .0001 XXX .0005	ANGLES  ANGLE TOLERANCE 20 TOLERANCE	DWG NO. ANGLE TOLERANCE	DRAWING NUMBER REVISION LETTER	REV REVISION LETTER	SCALE SHEET	SIZE: B SHEET	OF OF
--------	----------	---	---	---	---	--	---	---	---	---------------------------------------

NOTES: UNLESS OTHERWISE SPECIFIED:

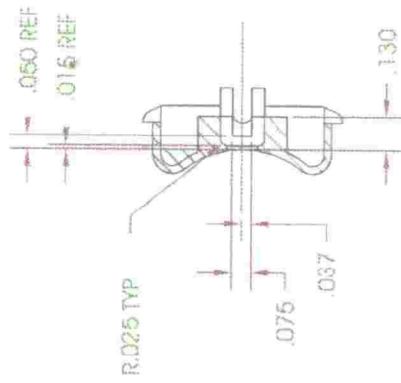
Form ENG023 (04/93)

03/25/98

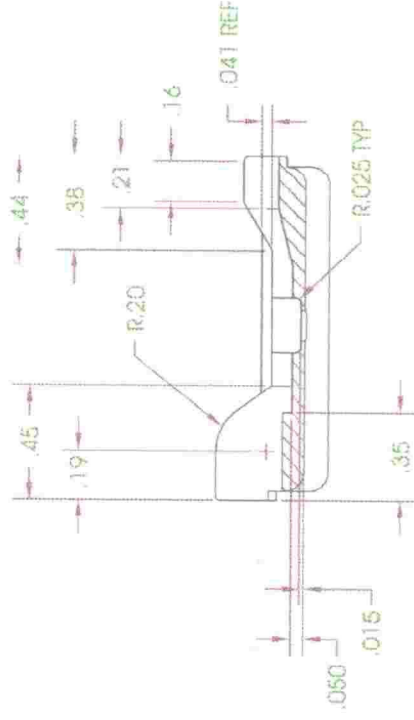


ENG-023 (04/93)

03/25/98



SECTION VIEW A-A



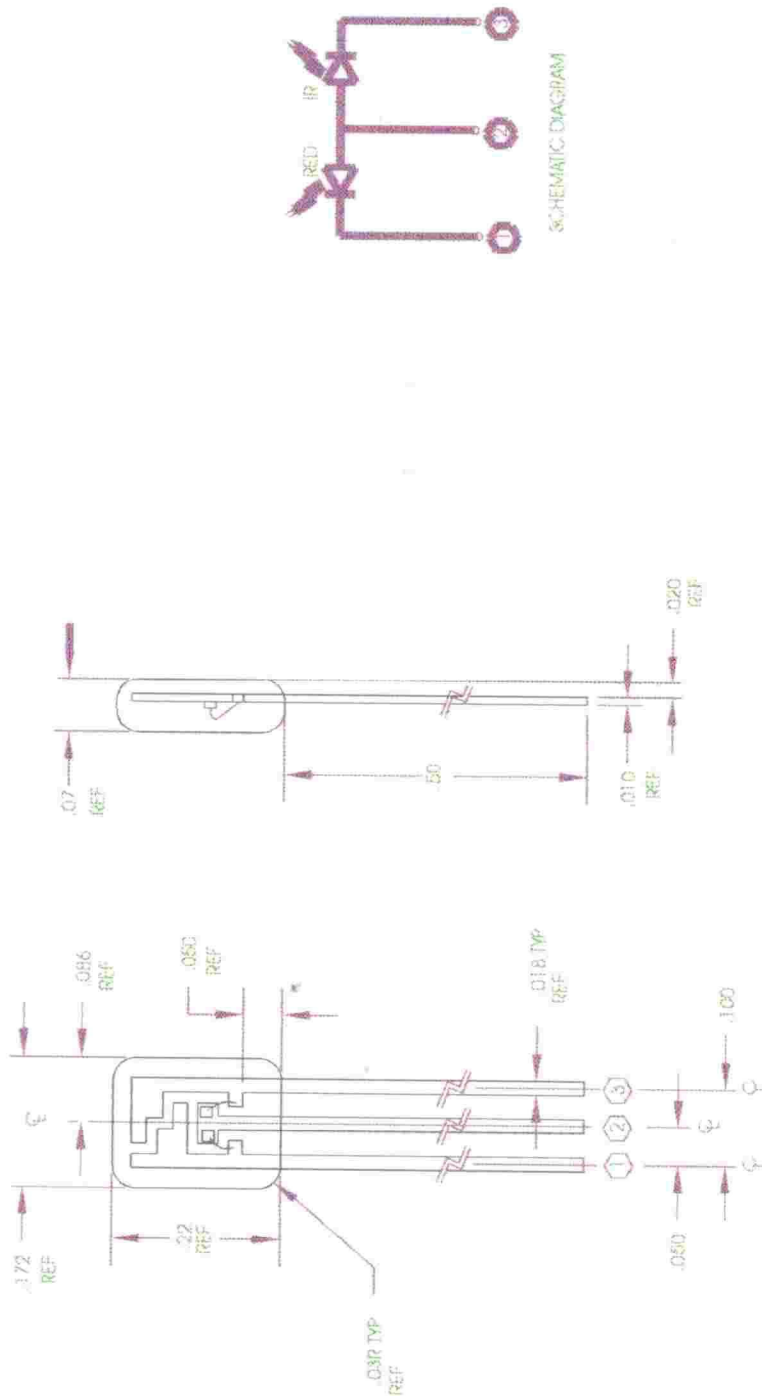
SECTION VIEW B-B

NOTES: UNLESS OTHERWISE SPECIFIED.

FINISH		TITLE		REV	
MATERIAL		DWG NO.		DRAWING NUMBER	
A. FINISH ALL SURF B. MAX. SURF. ACCT. 63 C. BURN ALL SURF D. DIMENSIONS IN INCHES E. DIMENSIONS IN MILLIMETERS F. DO NOT SCALE DRAWING		1/2 TOLERANCE IN DECIMALS .XX 2X TOLERANCE .XXX 3X TOLERANCE		SCALE:	
ANGLE 45°		ANGLE TOLERANCE .001		REVISION LETTER	
SIZE: B		SHEET: B		SHEET OF OF	
DOWELL NAME		DOWELL NAME		DOWELL NAME	

Form ENG023 (04/93)

03/25/98



FINISHED PART

FINISH

MATERIAL

- A. FINISH ALL SURFACES
- B. MACHINING SURFACES AS SHOWN
- C. BEAM ALL SURFACES
- D. DIMENSIONS FOR ALL VIEWS
- E. DIMENSIONS IN INCHES
- F. DIMENSIONS IN MILLIMETERS

G. TOLERANCES ON

ANGLES

ANGLES

2X TOLERANCE

3X TOLERANCE

4X TOLERANCE

5X TOLERANCE

6X TOLERANCE

7X TOLERANCE

8X TOLERANCE

9X TOLERANCE

10X TOLERANCE



1530 LORAIN AVENUE, SUITE 100, CHICAGO, IL 60640

LED ASSEMBLY

TITLE

DWG NO.

DRAWING NUMBER

REV
REVISION LETTER

SCALE

SIZE

SHEET

OF

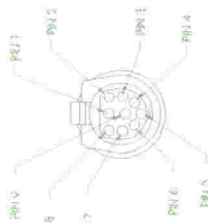
FILE NAME

DWG FILE NAME

NOTES: UNLESS OTHERWISE SPECIFIED.

Form ENG023 (04/93)

Probe P867 RA 03/25/98



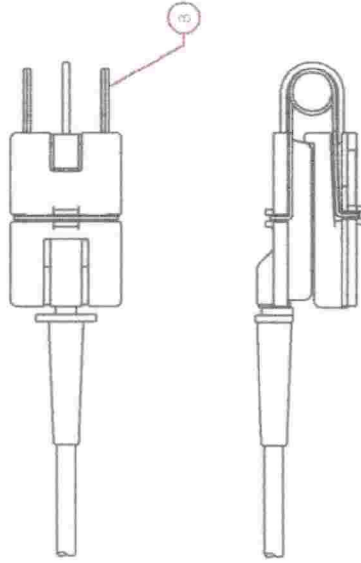
PIN #	PIN #
1	ORANGE
2	RED
3	N/C
4	YELLOW
5	RESISTOR *
6	N/C
7	SHIELD/RESISTOR *
8	WHITE
9	BLACK

* SEE DRAWING FOR DETAILS.



Form ENG-023 (04/93)

**MEDICAL
CABS**
1540 LOGAN AVENUE COSTA MESA, CA 92626



FRAME TO POUCH/CABLE ASSEMBLY

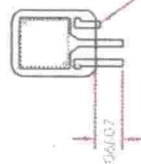


**MEDICAL
CABLES**

FINISH	MATERIAL	A. FINISH ALL SURF. B. MACHINE SURFACES AS C. INTERNAL 1/4 AMP EXTER. 1/16 MAX D. DIMENSIONS PER ANSI Y14.5 E. DIMENSIONS ARE IN INCHES F. DO NOT SCALE DRAWING.	0° TOLERANCE - IN DEC. MALE 30° 2X TOLERANCE 30° 2X TOLERANCE 30° 2X TOLERANCE	ANGLES 	TITLE HINSAI ASSEMBLY	DWG NO. DRAWING NUMBER	REV	REVISION LETTER
							SHEET	SHEET OF OF
		SCALE:	SIZE:	B			TAGLINE NAME	DWG FILE NAME

Probe P867 RA 03/25/98

DETECTOR



10

5070

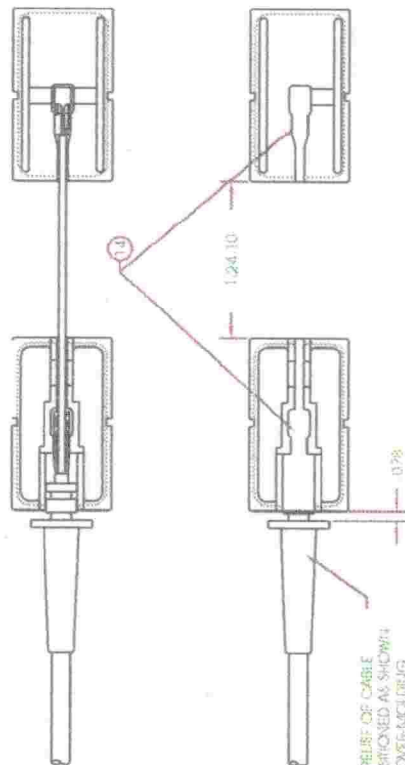
REMOVE PP4 AG SHCMT1

ORANGE WINE

BLACK WIRE

WHITE WIRE

LAJ 1993 303 315 NOV8 01 BRUNNEN



STRAIN-RELIEF OF CABLE
MAY BE FORMED AS SHOWN
PRIOR TO INSTALLING

CABLE ASSEMBLY TO POUCH

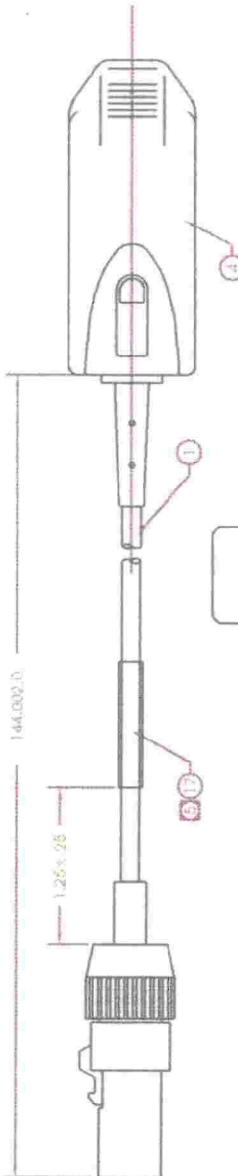
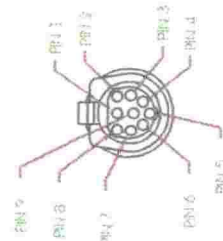
CERAMIC ASSEMBLY (LED/DET) TO CABLE

[illegible]

NOTES: UNLESS OTHERWISE SPECIFIED.

Form ENG023 (04/93)

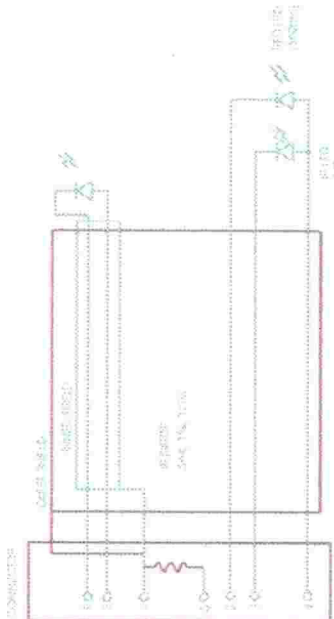
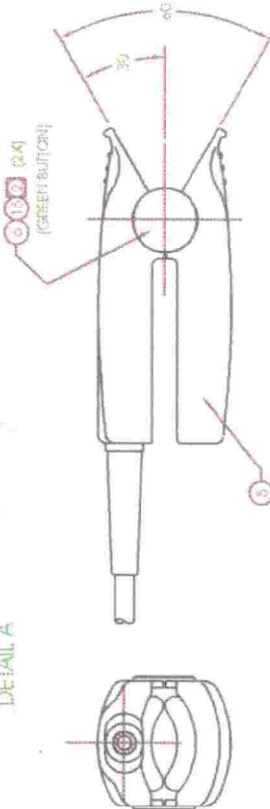
Probe P867 RA 03/25/98



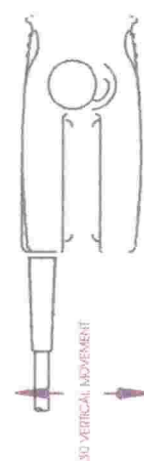
XXXXXXXX

Y: LAST DIGIT OF THE YEAR
M: MONTH OF THE YEAR
EXAMPLE: A - JAN. E - FEB. C - MAR.
DO NOT USE THESE YEARS: 1999, 1400 AND 1300
B: ASSEMBLY NUMBER

DETAIL A



SCHEMATIC



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

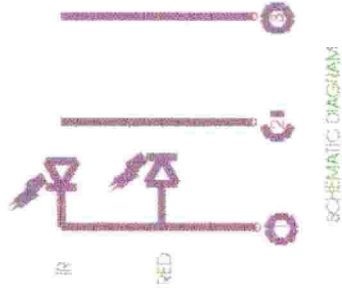
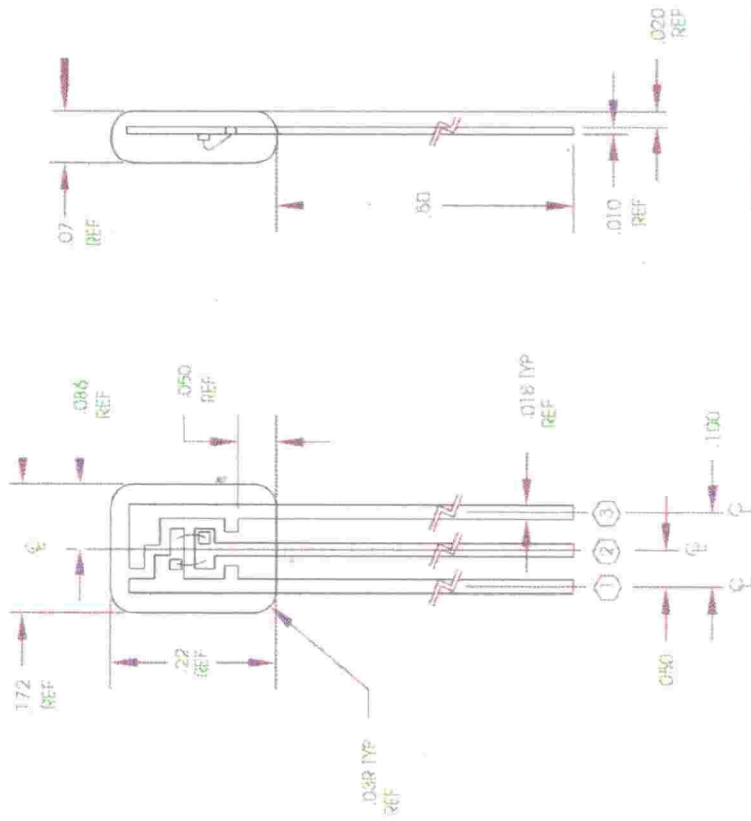


FINISH		MATERIAL		TITLE	
A. FINISH OF ALL SURF.		B. MACHINING SURFACES AS SHOWN		FINAL ASSEMBLY	
C. DIMENSIONS TO MAX. ELONG. 0.01 MAX.		D. DIMENSIONS TO MIN. 0.01 MAX.		DWG NO.	
E. DIMENSIONS ARE IN INCHES		F. DO NOT SCALE DRAWING		DRAWING NUMBER	
G. TOLERANCES ON DECIMALS		H. ANGLES		SCALE	
.XX		.XX		SIZE B	
.XXX		.XXX		SHEET 1 OF 1	
.XXX		.XXX		REVISION LETTER	

NOTES: UNLESS OTHERWISE SPECIFIED.

Form ENG023 (04/93)

Probe P867 RA 03/25/98

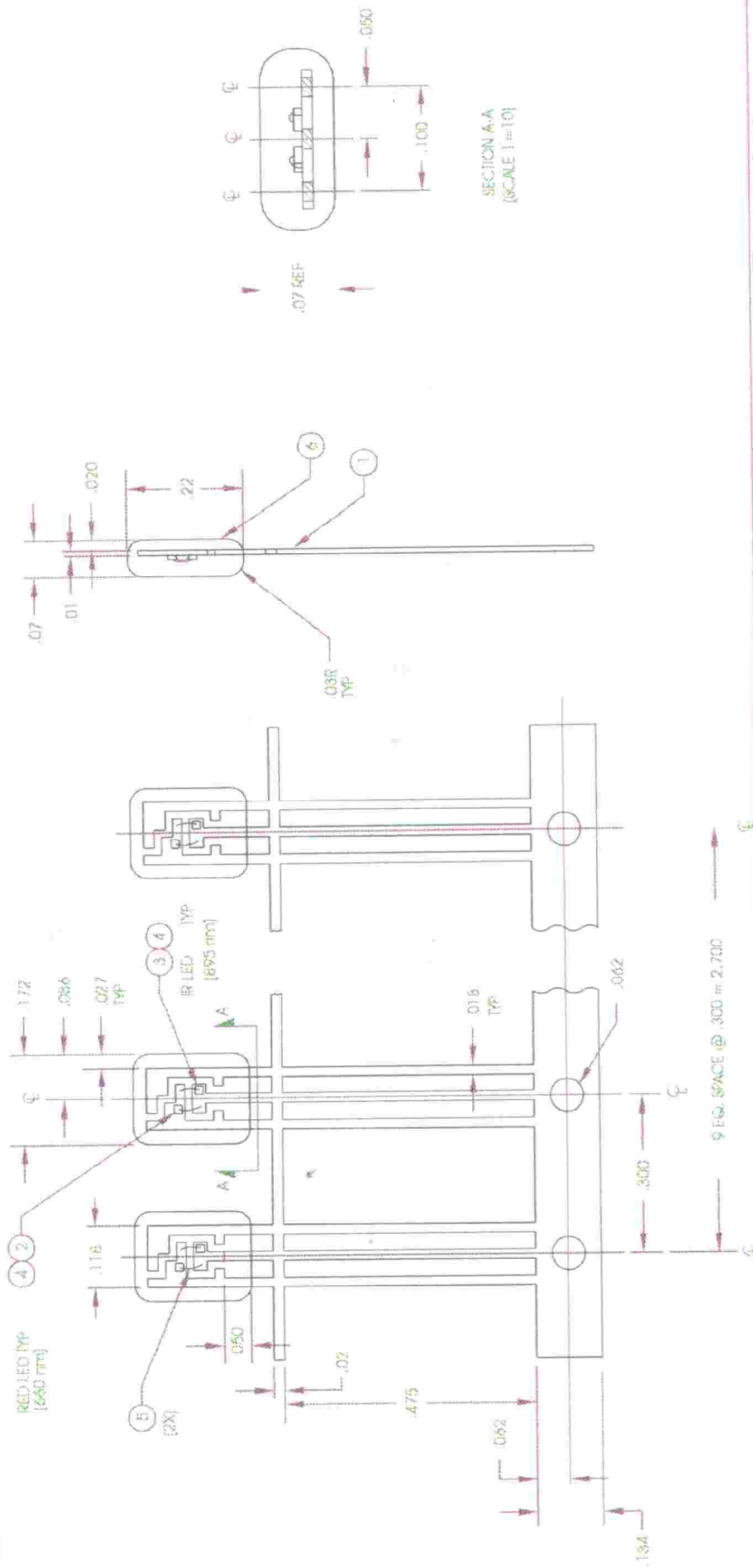


SCHEMATIC DIAGRAM

		TITLE: LED ASSEMBLY	
DWG NO.:		DRAWING NUMBER:	
SCALE:		SIZE: B	
REV:		REVISION LETTER:	
SHEET:		SHEET OF OF:	

NOTES: UNLESS OTHERWISE SPECIFIED.

Form ENG023 (04/93)

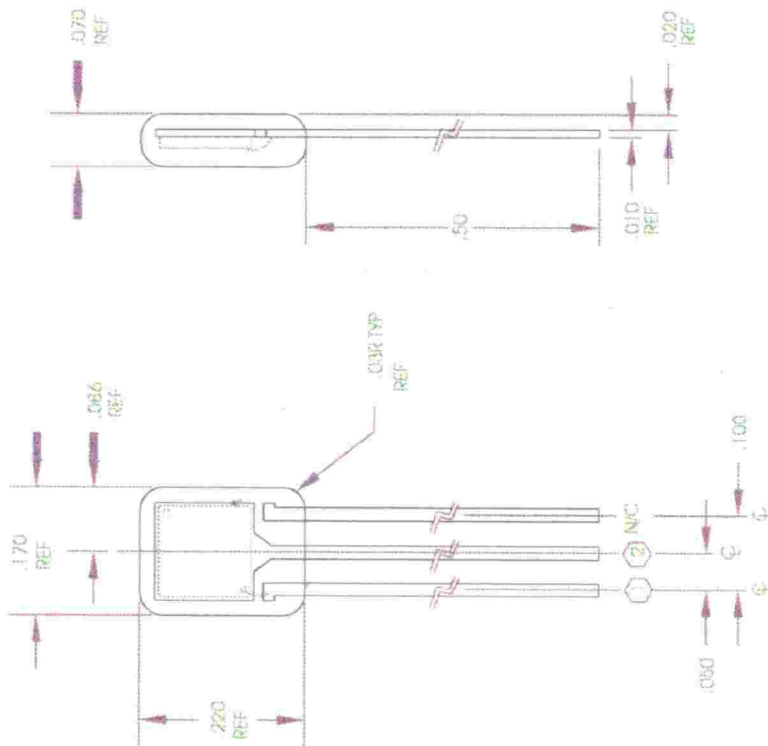


		TITLE: LED ASSEMBLY	
FINISH:		DWG NO.:	
MATERIAL:		DRAWING NUMBER:	
A. DIMENSIONS:		SCALE:	
B. TOLERANCES:		REVISION LETTER:	
C. DIMENSIONS:		SHEET:	
D. DIMENSIONS:		OF:	
E. DIMENSIONS:		DCS FILE NAME:	

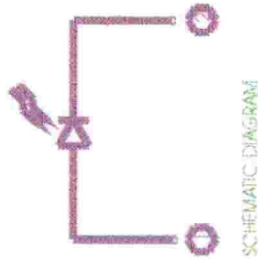
4. NO CRACK ALLOWED ON MOLDED PART.
3. MOLDED PART SHOULD MEET 80/50 SCAFFOLDING CRITERIA.
2. MOLDED PART SHOULD BE FREE OF FLASHES.

NOTES: UNLESS OTHERWISE SPECIFIED.

Form: ENG023 (04/93)



FINISHED PART



SCHEMATIC DIAGRAM



STAN LOGAN INSTRUMENT, 20070 N. 25th AVE, CHANDLER, AZ 84924

DETECTOR ASSEMBLY

DWG NO.

DRAWING NUMBER

SCALE

SIZE: B

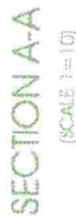
SHEET 1 OF 1

REVISION LETTER

NOTES: UNLESS OTHERWISE SPECIFIED.

Form: ENG-023 (04/93)

Probe P872 RA 03/25/98



NOTES: UNLESS OTHERWISE SPECIFIED,

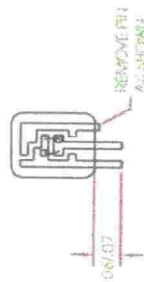
Form ENG023 (04/93)



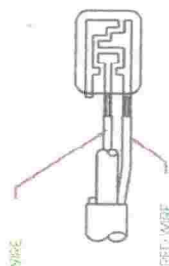
Form ENG-023 (04/93)

Probe P872 RA	03/25/98
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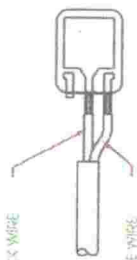
EMITTER



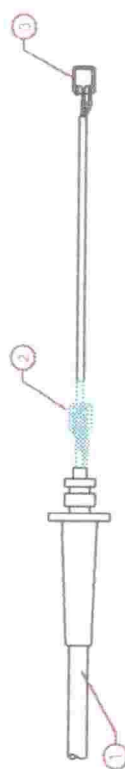
YELLOW WIRE



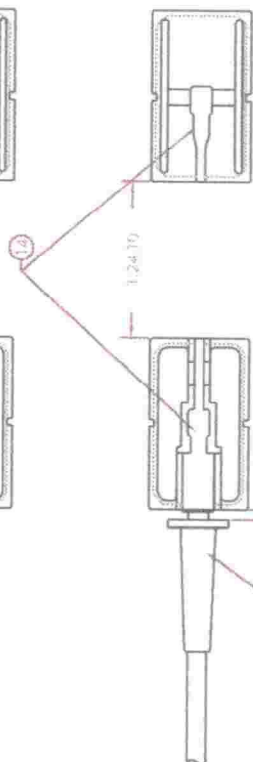
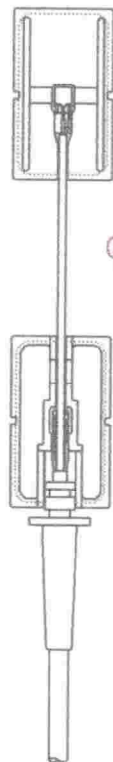
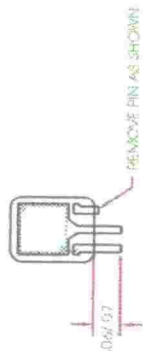
BLACK WIRE



SOLDER WIRE TO BACK SIDE OF PIN (TYP)



DETECTOR



STRAP-HOLE OF CABLE
MUST BE POSITIONED AS SHOWN
FOR OVERLAPPING

CABLE ASSEMBLY TO POUCH

CERAMIC ASSEMBLY (LED/DET) TO CABLE

FINISH

MATERIAL

- A. REMOVE ALL BURRS
- B. MACHINE SURFACES AS SHOWN
- C. BREAK ALL SHARP EDGES TO 0.005 IN
- D. CLEAN AND POLISH ALL SURFACES
- E. DIMENSIONS ARE IN INCHES
- F. DIMENSIONS ARE IN INCHES

0.0005 IN

0.001 IN

0.002 IN

0.005 IN

0.010 IN

0.020 IN

0.050 IN

0.100 IN

0.200 IN



FINAL ASSEMBLY

DWG NO.

DRAWING NUMBER

REV

REVISION LETTER

SCALE

SIZE

SHEET

SHEET

OF

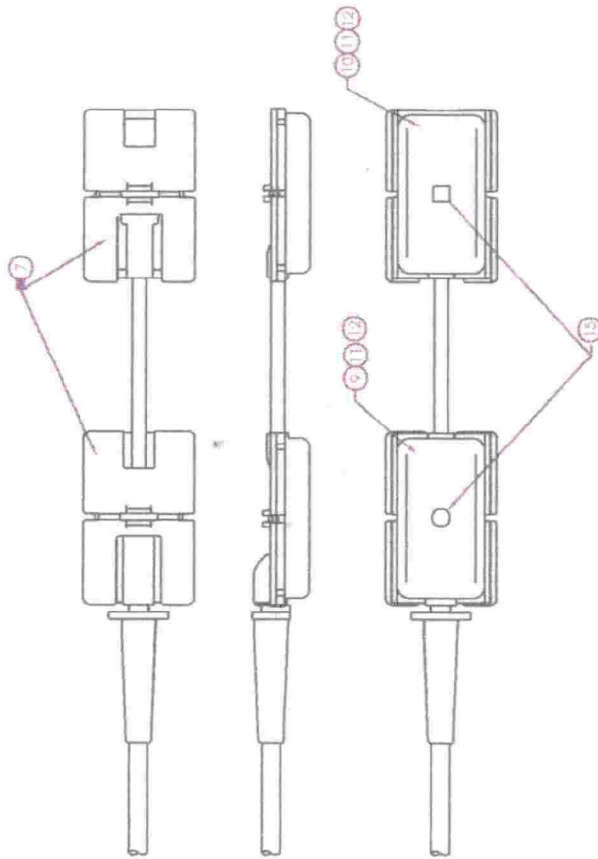
OF

DRAWING NAME

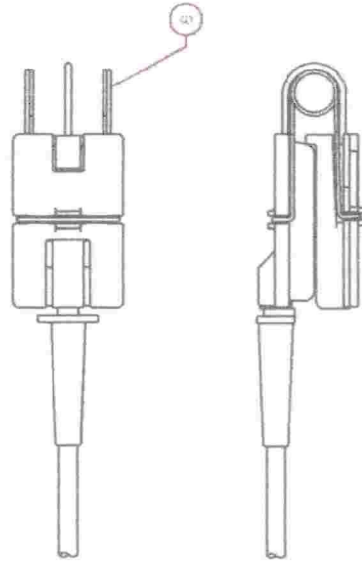
Probe P872 RA 03/25/98

NOTES: UNLESS OTHERWISE SPECIFIED.

Form ENG-023 (04/93)



FRAME TO POUCH/CABLE ASSEMBLY



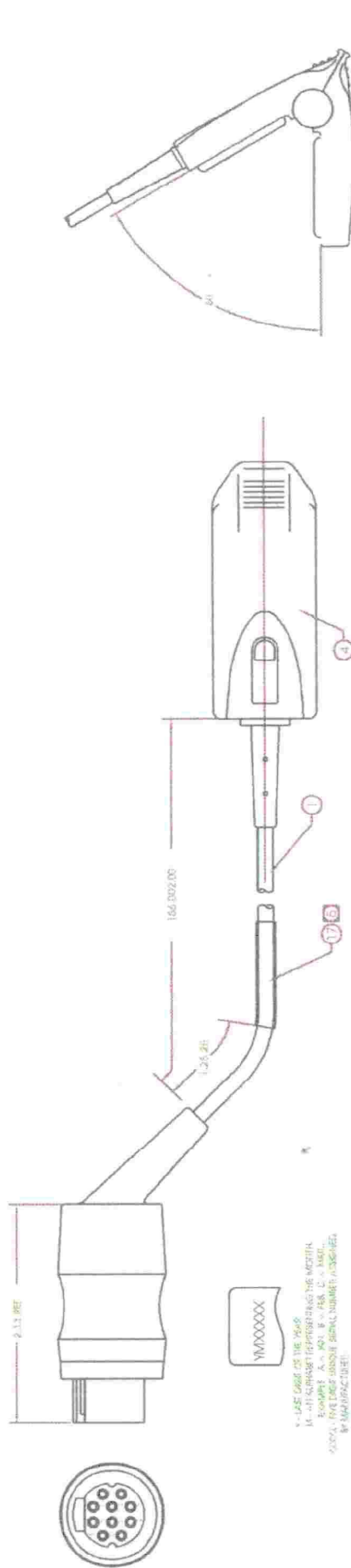
SPRING TO POUCH ASSEMBLY

		FINAL ASSEMBLY	
FINISH		TITLE	
MATERIAL		REV	
A. DIMENSIONS B. MATERIAL C. FINISH D. DIMENSIONS E. DIMENSIONS F. DIMENSIONS		DWG NO. DRAWING NUMBER SCALE:	
A. DIMENSIONS B. MATERIAL C. FINISH D. DIMENSIONS E. DIMENSIONS F. DIMENSIONS		REV REVISION LETTER	
A. DIMENSIONS B. MATERIAL C. FINISH D. DIMENSIONS E. DIMENSIONS F. DIMENSIONS		SHEET B SHEET OF OF	

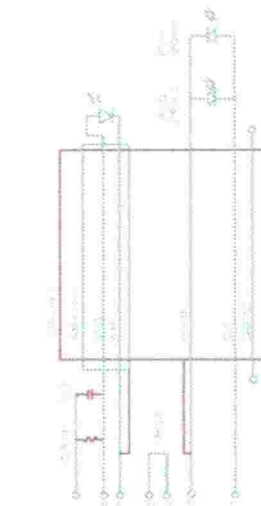
NOTES: UNLESS OTHERWISE SPECIFIED.

Form ENG023 [04/93]

Probe P872 RA 03/25/98



DETAIL A



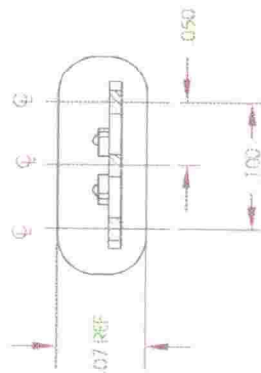
SCHEMATIC

- 1. PROBE SERIAL NUMBER AND DATE CODE ON LABEL.
- 2. SEE DETAIL A.
- 3. PRIOR APPLYING LUBRICANT, CLEAN BOTH WINDINGS FOR BETTER BONDING.
- 4. PRIOR TO APPLYING SILICONE EPOXY (ITEM 1) TO ISOLATION FRAME, TREAT BONDING AREA OF TORQUE-TIGHT FRAME WITH PRIMER (ITEM 12).
- 5. NO EPOXY ITEM 12 ALLOWED ON SURFACE OF PROBE.
- 6. DO NOT APPLY EXCESSIVE EPOXY.

NOTES: UNLESS OTHERWISE SPECIFIED.

FINISH		TITLE		REV	
MATERIAL		DRAWING NUMBER		REVISION LETTER	
A. FINISH ALL SURFACES TO B. FINISH ALL SURFACES TO C. BREAK ALL SHARP EDGES TO RADIUS D. DIMENSIONS TO CENTER LINE E. DIMENSIONS ARE IN INCHES F. DIMENSIONS ARE IN MILLIMETERS		SCALE:		SHEET B OF 1	
G. TOLERANCES DECIMALS INCHES 300 300 300		ANGLE TOLERANCE 30°		30°	

FORM ENG023 (04/93)



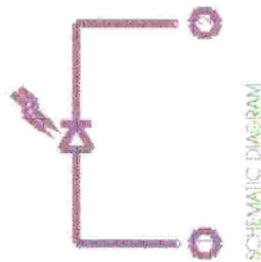
SECTION A-A
(SCALE 1"=10')

Form ENG023 (04/93)

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

NOTES: UNLESS OTHERWISE SPECIFIED:

Probe P876 RA 03/25/98



FINISHED PART

NOTES: UNLESS OTHERWISE SPECIFIED,

Form ENG-023 (04/93)



Medical
Cables™

DETECTOR ASSEMBLY

TITEL

DRAWING NUMBER

ON EMC

SIZE:

SCALE

DOC FILE NAME	DOC FILE NAME

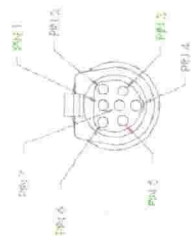
Probe P876 RA 03/25/98



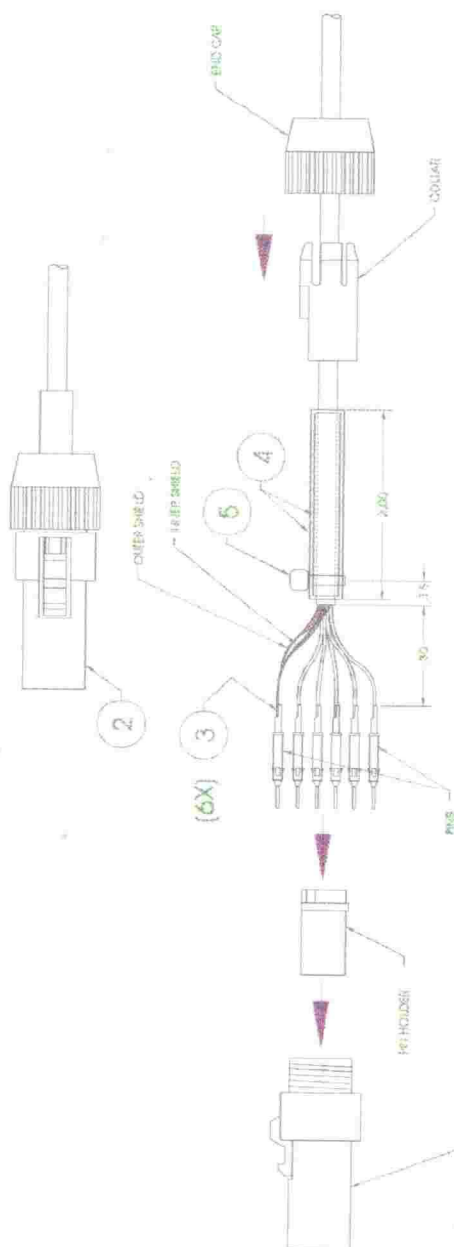
NOTES: UNLESS OTHERWISE SPECIFIED:

Form ENG-026 (04/93)

Probe P876 RA 03/25/98



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



FINISH

MATERIAL

- A REMOTE ADDRESS
A MACHINE BINARY ADDRESS
IS BASICALLY SAME
BUT NOT SCALE DRAWS

- | | | |
|--------------|-----------|-----------|
| NO FURTHER | 7X TOILET | 6X TOILET |
| DISCONTINUED | | |

-

CABLE ASSEMBLY

DRAWING NUMBER

SCALE:	SIZE:	B	SHEET	OF	OF
--------	-------	---	-------	----	----

NOTES: UNLESS OTHERWISE SPECIFIED,

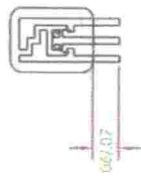
Form ENG023 (04/93)

DOS FILE NAME	DOS FILE NAME

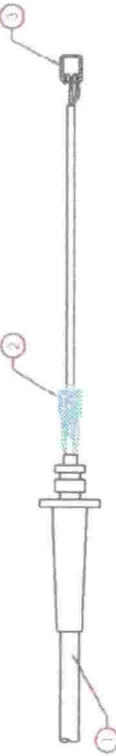
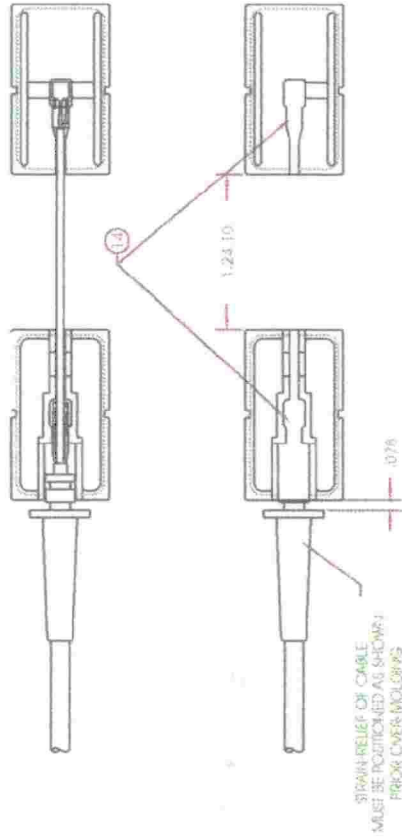
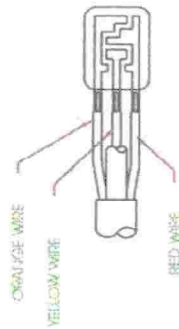
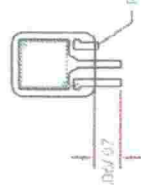
Probe P876 RA

03/25/98

EMITTER



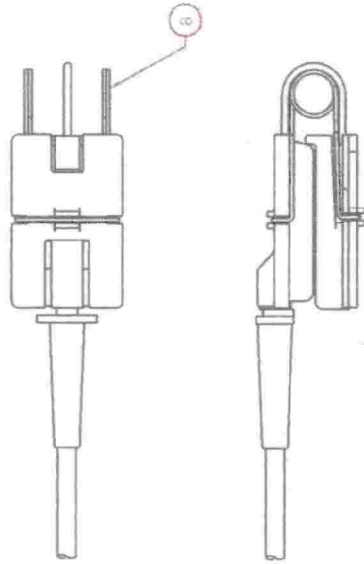
DETECTOR



CABLE ASSEMBLY TO POUCH

CERAMIC ASSEMBLY (LED/DET) TO CABLE

		TITLE: FINAL ASSEMBLY		REV:	REVISION LETTER:
DWG NO.:		DRAWING NUMBER:		SIZE: B	SHEET: 1 OF 1
SCALE:		DRAWING NUMBER:		SIZE: B	SHEET: 1 OF 1
FINISH:		MATERIAL:		NOTES: UNLESS OTHERWISE SPECIFIED,	
TOLERANCES:		DIMENSIONS:		ANGLE:	
DECIMALS:		FRACTIONS:		ANGLE:	
XX:		XX:		ANGLE:	
XXX:		XXX:		ANGLE:	
D:		D:		ANGLE:	
E:		E:		ANGLE:	
F:		F:		ANGLE:	



FRAME TO POUCH/CABLE ASSEMBLY



1-800-705-4545, ext. 2222, or 0-8-8444

FINAL ASSEMBLY

DRAWING NUMBER

SCALE:

SIZE: 8

DOC FILE NAME

NOTES: UNLESS OTHERWISE SPECIFIED:

Form ENG023 (04/93)

Probe P876 RA 03/25/98

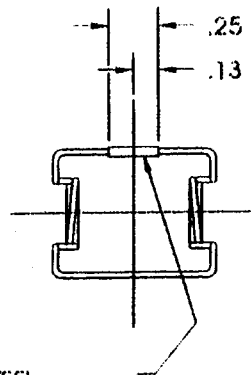


1 APPROX. 1.4 COILS.

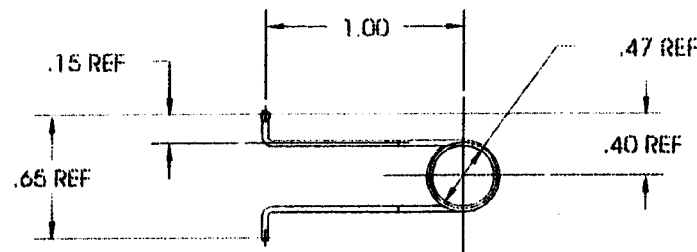
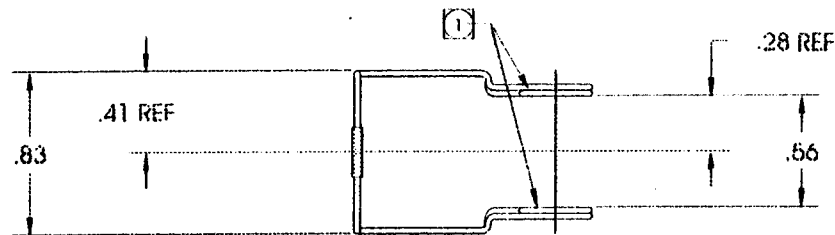
NOTES: UNLESS OTHERWISE SPECIFIED,

Form ENG023 (04/93)

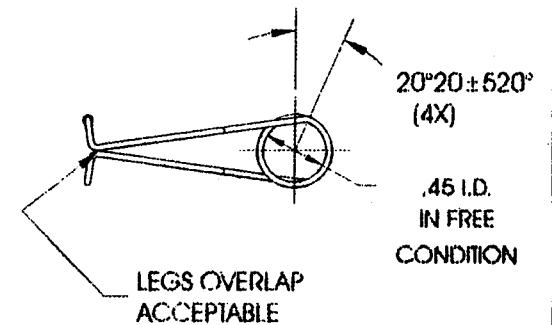
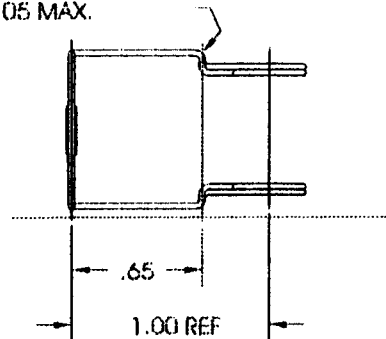
03/25/98



.05 O.D. STAINLESS STEEL
TUBE, CRIMPED TO BOTH
ENDS OF THE WIRE



ALL BEND RADII TO BE .05 MAX.



LEGS OVERLAP
ACCEPTABLE

FREE CONDITION

1 APPROX. 1.4 COILS.

NOTES: UNLESS OTHERWISE SPECIFIED.

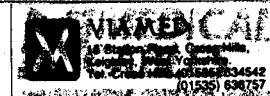
FINISH

MATERIAL

- A. REMOVE ALL BURRS
- B. MACHINE SURFACES .63
- C. BREAK ALL SHARP EDGES .010 MAX
- D. DIMENSIONS TOLERANCES Y14.6
- E. DIMENSIONS ARE IN INCHES
- F. DO NOT SCALE DRAWING

Q. TOLERANCES ON

DECIMALS ANGLES
XX 2X TOLERANCE ANGLE TOLERANCE
XXX 3X TOLERANCE



TITLE WIRE SPRINGS

DWG NO. DRAWING NUMBER

REV
REVISION LETTER

SCALE:

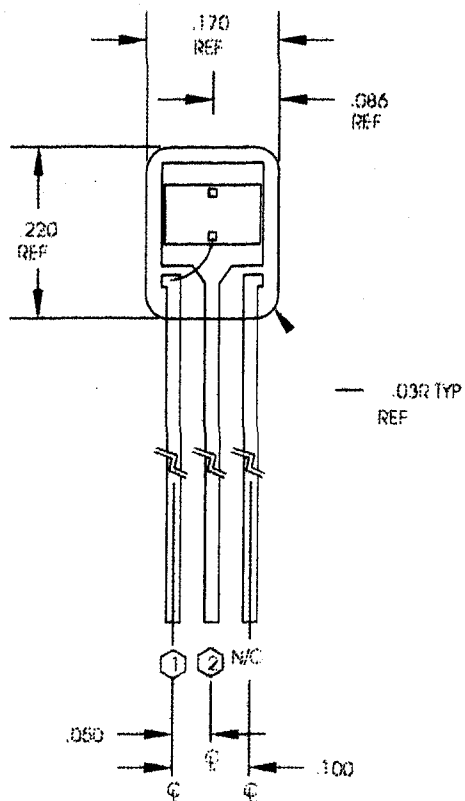
SIZE: B

SHEET SHEET OF

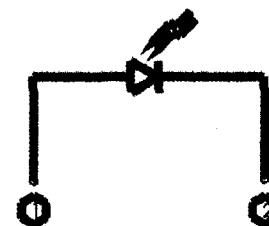
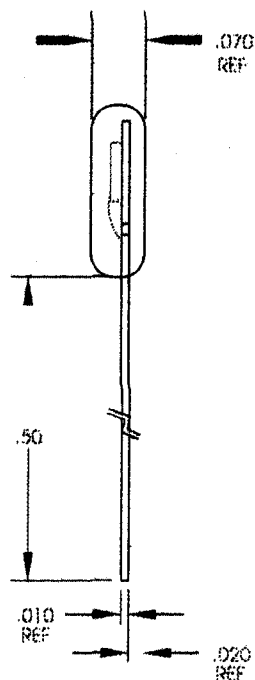
DATE FILE NAME: DATE FILE NAME

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FINISHED PART



SCHEMATIC DIAGRAM

NOTES: UNLESS OTHERWISE SPECIFIED.

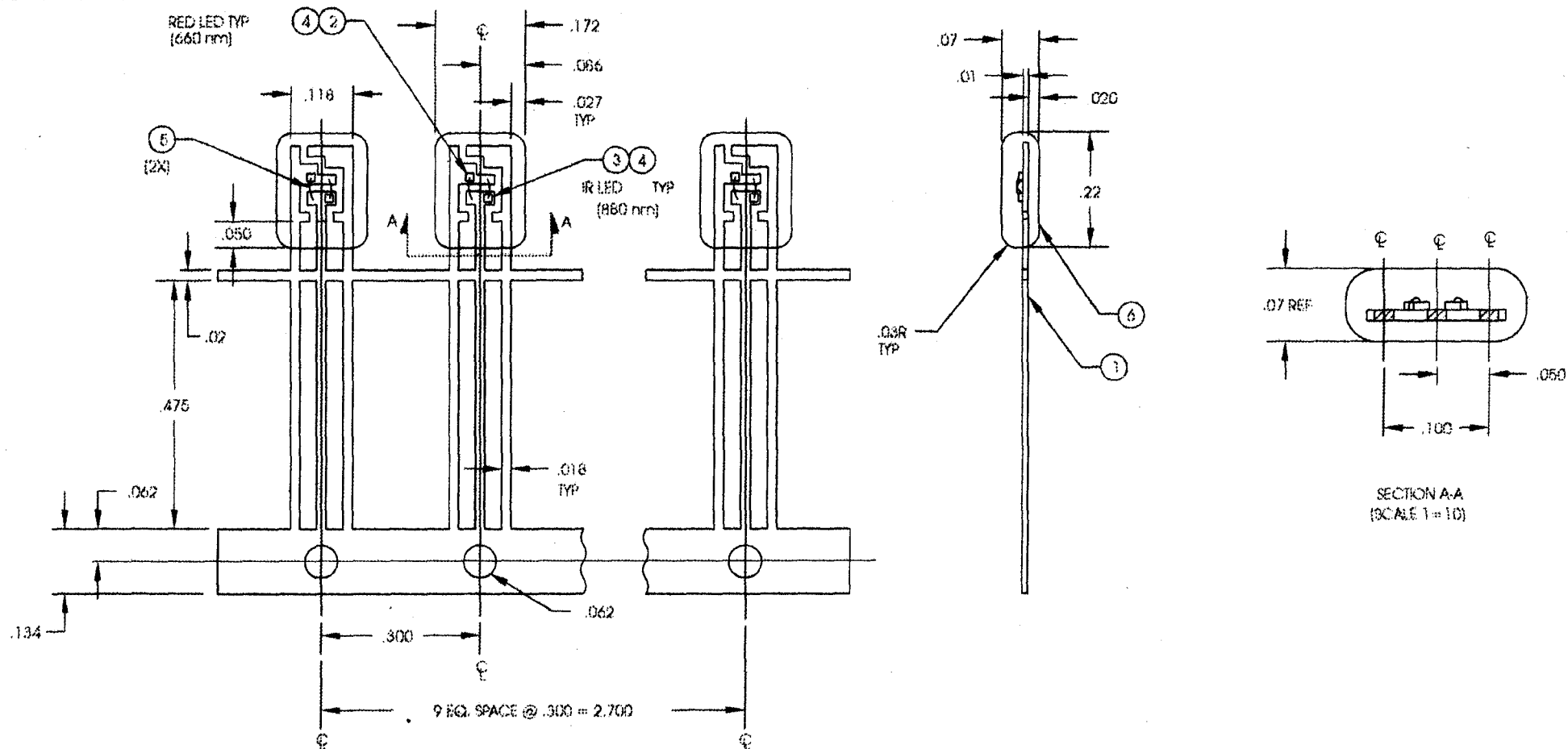
Form ENG023 (04/93)

FINISH		 7410 LOGAN AVENUE, COSTA MESA, CA 92626	
MATERIAL			
A. REMOVE ALL BURRS 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 ANGLES .XX .2X TOLERANCE .XXX .3X TOLERANCE	
TITLE		DETECTOR ASSEMBLY	
DWG NO.		DRAWING NUMBER	
SCALE:		SIZE: B	SHEET SHEET OF OF
REV		REVISION LETTER	

DOS FILE NAME: DOS FILE NAME

Probe P856 RA

03/25/98



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

NOTES: UNLESS OTHERWISE SPECIFIED.

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