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| REV | | EO | REVISIONS | 315-0011 | SH 1 |
|-----|-------|--|-----------|----------|----------|
| REV | EO | DESCRIPTION | | DWN | APPROVED |
| AA | 10150 | REVISED NOTE \triangle AND TABLE 2; ADDED DIMENSIONS AND VIEW OF SAFTEY WIRE HOLES | | DKC | |

| DASH NO | CABLES ACCOMMODATED | A DIM | B DIM | C FLATS | D FLATS | E DIA | CABLE ENTRY DIA | ASSEMBLE PER |
|---------|---|-------|---------|---------|---------|-------|-----------------|--------------|
| -7 | TRC-50-2 TRC-75-2 | 1.165 | .096 | .438 | .438 | .500 | .274 | TAI-189 |
| -8 | 8227 BELDEN | 1.740 | .130 | .625 | .688 | .750 | .345 | TAI-103 |
| -9 | TWC-78-2 TWC-124-2 | 1.165 | .096 | .438 | .438 | .500 | .285 | TAI-102 |
| -A9 | BL782 TIMES BL982 TIMES BL1242 TIMES | | | | | | | |
| | | | | | | | | |
| -10 | RG-22 754E AT & T | 1.740 | .130 | .625 | .688 | .750 | .455 | TAI-103 |
| -11 | 760A AT & T | | | | | | .347 | |
| -12 | 16 PEVL AT&T V1-AL GENERAL | | | | | | .485 | |
| -13 | TRF-59 TIMES | | | | | | .362 | |
| -13A | 8232 BELDEN | | | | | | .352 | |
| -14 | 8233 BELDEN | | | | | | .490 | |
| -23 | 250-3884 MICRODOT | 1.165 | .096 | .438 | .438 | .500 | .183 | TAI-189 |
| -24 | 202-3934 MICRODOT | | | | | | .191 | TAI-102 |
| -24A | 9530A5117 RAYCHEM | | | | | | .200 | TAI-189 |
| -25 | T-43M GENERAL | | | | | | .285 | TAI-102 |
| -25A | 5021H5331 RAYCHEM | | | | | | .191 | TAI-189 |
| -26 | 7028A5518 RAYCHEM | | | | | | .145 | TAI-102 |
| -27 | T19TPSJ2619EN WOVEN 202-3927 MICRODOT 202-3942 MICRODOT | | | | | | .191 | |
| -29 | TWC-78-1/TWC-124-1A | | | | | | .235 | |
| -30 | 761A AT & T 8441 BELDEN | | | | | | .191 | |
| -32 | TRC-50-1 | | | | | | .217 | TAI-189 |
| -33 | TRC-75-1 | .300 | | | | | | |
| -42 | 21-204 ESSEX 4463 CONSOLIDATED | .200 | TAI-102 | | | | | |
| -43 | 250-4044/250-4045 293-3930 MICRODOT | .183 | TAI-103 | | | | | |
| -45 | M27500-22TE2T14 1100-66F STANDARD | 1.740 | .130 | .625 | .688 | .750 | .475 | TAI-103 |
| -46 | 9860 BELDEN | 1.165 | .096 | .438 | .438 | .500 | .164 | TAI-102 |
| -47 | M17/176-00002 | .132 | | | | | | |
| -49 | TWAC-78-1F2 | 1.740 | .130 | .625 | .688 | .750 | .323 | TAI-189 |
| -54 | 89207 BELDEN | .250 | | | | | | |
| -55 | 89272 BELDEN | 1.165 | .096 | .438 | .438 | .500 | .191 | TAI-189 |
| -56 | GC875GC1, GRUMMAN | | | | | | .198 | TAI-102 |
| -57 | GC875GB1, GRUMMAN | | | | | | .217 | TAI-189 |
| -58 | GC875TM24H, GRUMMAN | | | | | | .183 | |
| -59 | GC875LN1, GRUMMAN | | | | | | | |
| -60 | M17/177 THERMATICS 380-10045 BOEING | | | | | | .217 | TAI-189 |
| -64 | 7528A5314, RAYCHEM | | | | | | .183 | |

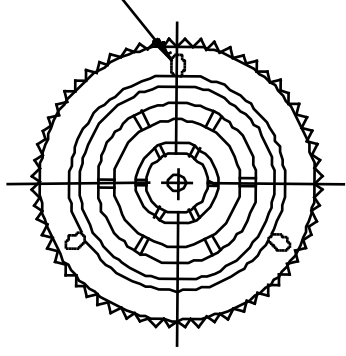
| MILITARY PART NO (PIN) | MILITARY CABLE PART NO | TROMPETER PART NO (REF ONLY) \triangle |
|------------------------|------------------------|--|
| M49142/08-0001 | M17/134-00001 | M315-0011-7 |
| M49142/08-0002 | M17/134-00002 | M315-0011-7 |
| M49142/08-0006 | M17/176-00002 | M315-0011-47 |
| M49142/08-0008 | M17/177-00002 | M315-0011-60 |

| INCH | MM |
|-------|-------|
| .005 | 0.13 |
| .030 | 0.76 |
| .096 | 2.44 |
| .125 | 3.18 |
| .130 | 3.30 |
| .132 | 3.35 |
| .145 | 3.68 |
| .164 | 4.17 |
| .183 | 4.65 |
| .191 | 4.85 |
| .198 | 5.03 |
| .200 | 5.08 |
| .217 | 5.51 |
| .235 | 5.97 |
| .250 | 6.35 |
| .274 | 6.96 |
| .285 | 7.24 |
| .300 | 7.62 |
| .323 | 8.20 |
| .345 | 8.76 |
| .347 | 8.81 |
| .352 | 8.94 |
| .362 | 9.19 |
| .438 | 11.13 |
| .44 | 11.18 |
| .455 | 11.56 |
| .475 | 12.07 |
| .485 | 12.32 |
| .490 | 12.45 |
| .500 | 12.70 |
| .625 | 15.88 |
| .650 | 16.51 |
| .688 | 17.48 |
| .750 | 19.05 |
| 1.165 | 29.59 |
| 1.740 | 44.20 |
| 1.846 | 46.89 |
| 2.00 | 50.80 |

FIG 1 \triangle \triangle

PL375S-9 SHOWN

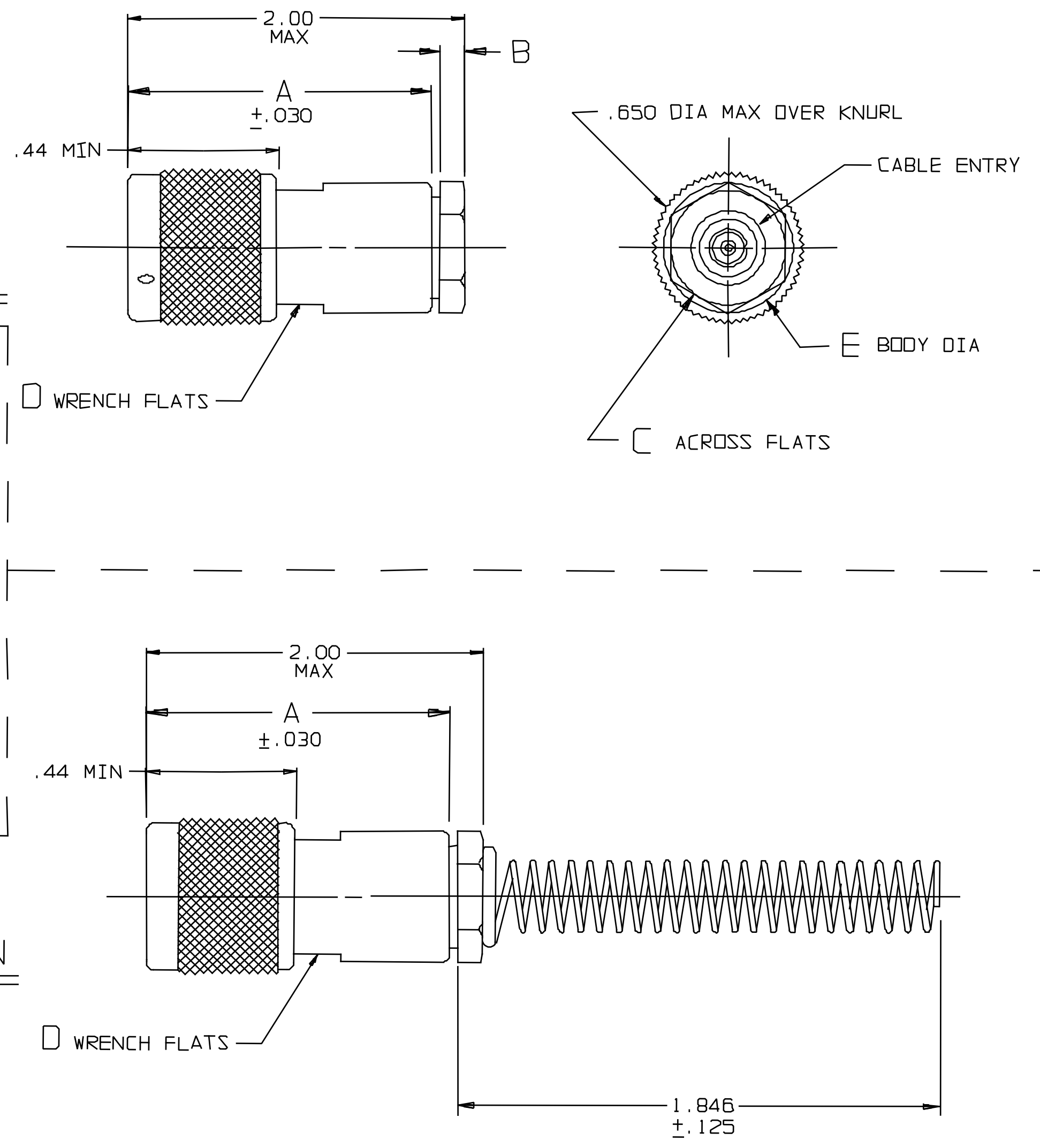
.029 ± .002
DIA 3 PLACES
EQUALLY SPACED



SAFTEY WIRE
OPTION

FIG 2 \triangle \triangle

PL375BR-9 SHOWN



\triangle IF SAFETY WIRE TYPE & BEND RELIEF SPRING REQD ADD SUFFIX "SRB" TO MODEL NO (NOT AVAILABLE WITH CABLE GROUPS -8, -10, -11, -12, -13, -14, -46 & -54)

\triangle IF BEND RELIEF SPRING REQD (FIG 2) ADD SUFFIX "BR" TO MODEL NO (NOT AVAILABLE WITH CABLE GROUPS -8, -10, -11, -12, -13, -14, -46 & -54)

5. IF SAFETY WIRE TYPE REQD ADD SUFFIX "S" TO MODEL NO (PL375S)

\triangle CLAMP NUT OMITTED

3. CONCENTRIC TWINAX/TRIAX TRT CABLE PLUG

2. FINISH: TFS-1A (NICKEL) \triangle

1. ALL DIM ARE IN INCHES

- \triangle WHEN CONNECTOR IS SUPPLIED TO MILITARY PART NO. (SEE TABLE 2):
- a) ALL PARTS NORMALLY PLATED TFS-1A (NICKEL) ARE TO BE PLATED TFS-1M (SILVER)
 - b) CENTER CONTACT NORMALLY PLATED TFS-1B (GOLD, .000050) IS TO BE PLATED TFS-1P1 (.000100)
 - c) MARK PART WITH MILITARY PIN (SEE TABLE 2) AND "14949"
 - d) QUALITY CONFORMANCE INSPECTION SHALL BE PER MIL-C-49142 SECTION 4.5

| MODEL NO | DASH NO/CABLE GROUP | | | | | | | | | | | | | | | | |
|----------------|---------------------|-----|------|-----|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| PL75 (TWINAX) | -8 | -9 | -A9 | -10 | -11 | -12 | -24 | -25 | -27 | -29 | -30 | -45 | -46 | -47 | -49 | -54 | -55 |
| PL75 (TRIAX) | -7 | -13 | -13A | -14 | -23 | -24A | -25A | -26 | -32 | -33 | -42 | -43 | -56 | -57 | -59 | -60 | -64 |
| PL75 (QUADRAX) | -58 | | | | | | | | | | | | | | | | |

| QTY | DESCRIPTION | | PART NUMBER | | ITEM |
|---|------------------------------------|---------|-----------------------------------|--------------|-----------------|
| TOL UNLESS SPECIFIED .XX ± .XXX ± .005 .XXXX ± ANGLES ± | TROMPETER ELECTRONICS, INC. | | PL375/PL375S/ PL375BR/PL375SBR | | |
| DWN | DKC | 1-19-93 | MATERIAL | CODE IDENT | DRAWING NO. |
| CHK | | | | 14949 | 315-0011 |
| ENGR | | | | | AA |
| APPR | | | SCALE 2/1 | DATE 5/23/73 | SHEET 1 OF 2 |

NEXT ASSY