

| TABLE 1 |                                                                  |       |       |         |         |       |                 |              |            |
|---------|------------------------------------------------------------------|-------|-------|---------|---------|-------|-----------------|--------------|------------|
| DASH NO | CABLES ACCOMMODATED                                              | A DIM | B DIM | C FLATS | D FLATS | E DIA | CABLE ENTRY DIA | ASSEMBLY PER | CABLE TYPE |
| -7      | TRC-50-2, M17/134-00001<br>TRC-75-2                              | 1.135 | .096  | .438    | .438    | .500  | .274            | TAI-189      | TRIAx      |
| -8      | 8227, BELDEN                                                     | 1.716 | .130  | .625    | .688    | .750  | .345            | TAI-103      | TWINAX     |
| -9      | TWC-78-2<br>TWC-124-2, M17/45-RG 308                             | 1.135 | .096  | .438    |         | .500  | .285            | TAI-102      |            |
| -A9     | BL782, TIMES<br>BL982, TIMES<br>BL1242, TIMES                    |       | 3     | 3       |         |       |                 |              |            |
| -10     | RG-22                                                            | 1.716 |       |         |         |       | .455            | TAI-103      |            |
| -11     | 754E, AT&T<br>760A, AT&T                                         |       |       |         |         |       | .345            |              | TRIAx      |
| -12     | 16PEVL, AT&T<br>VI-AL, GENERAL                                   |       | .130  | .625    | .688    | .750  | .485            | TAI-128      |            |
| -13     | TRF-59, TIMES                                                    |       |       |         |         |       | .362            | TAI-129      |            |
| -13A    | 8232, BELDEN                                                     |       |       |         |         |       | .352            | TAI-165      |            |
| -14     | 8233, BELDEN                                                     |       |       |         |         |       | .510            | TAI-129      | TWINAX     |
| -23     | 250-3884, MICRODOT                                               |       |       |         |         |       | .183            | TAI-189      |            |
| -24     | 202-3934, MICRODOT                                               |       |       |         |         |       | .191            | TAI-102      |            |
| -24A    | 9530A5117, RAYCHEM                                               |       |       |         |         |       | .200            | TAI-189      |            |
| -25     | T-43M, GENERAL                                                   |       |       |         |         |       | .285            | TAI-102      | TRIAx      |
| -25A    | 5021H5331, RAYCHEM                                               |       |       |         |         |       | .183            | TAI-189      |            |
| -26     | 7028A5518, RAYCHEM                                               |       |       |         |         |       |                 |              |            |
| -27     | 119TPS12619EN, WOVEN<br>202-3927, MICRODOT<br>202-3942, MICRODOT |       |       |         |         |       | .145            |              |            |
| -29     | TWC-78-1/TWC-124-1A                                              | 1.135 | .096  | .438    | .438    | .500  | .191            | TAI-102      | TWINAX     |
| -30     | 761A, AT&T<br>8441, BELDEN                                       |       |       |         |         |       | .235            |              | TRIAx      |
| -32     | TRC-50-1                                                         |       |       |         |         |       | .191            |              |            |
| -33     | TRC-75-1                                                         |       |       |         |         |       | .217            |              |            |
| -42     | 21-204, ESSEX<br>4463, CONSOLIDATED                              |       |       |         |         |       | .300            | TAI-189      |            |
| -43     | 250-4044/250-4045<br>293-3930, MICRODOT                          |       |       |         |         |       | .200            |              | TWINAX     |
| -45     | M27500-22TE2T14<br>1100-66F, STANDARD                            |       |       |         |         |       | .183            | TAI-102      |            |
| -46     | 9860, BELDEN                                                     | 1.716 | .130  | .625    | .688    | .750  | .475            | TAI-103      |            |
| -47     | M17/176-00002                                                    | 1.135 | .096  | .438    | .438    | .500  | .164            | TAI-102      |            |
| -49     | TWAC-78-1F2                                                      |       |       |         |         |       | .132            |              | TRIAx      |
| -54     | 89207, BELDEN                                                    | 1.716 | .130  | .625    | .688    | .750  | .323            | TAI-103      |            |
| -55     | 89272, BELDEN                                                    |       |       |         |         |       | .250            | TAI-102      |            |
| -56     | GC875GCI, GRUMMAN                                                |       |       |         |         |       | .191            | TAI-189      |            |
| -57     | GC875GB1, GRUMMAN                                                |       |       |         |         |       |                 |              | QUADRAx    |
| -58     | GC875TM24H, GRUMMAN                                              | 1.135 | .096  | .438    | .438    | .500  | .198            | TAI-102      |            |
| -59     | GC875LNI, GRUMMAN                                                |       |       |         |         |       |                 |              |            |
| -60     | M17/177-00002, THERMATICS<br>380-10045, BOEING                   |       |       |         |         |       | .217            | TAI-189      |            |
| -64     | 7528A5314, RAYCHEM                                               |       |       |         |         |       | .183            |              |            |

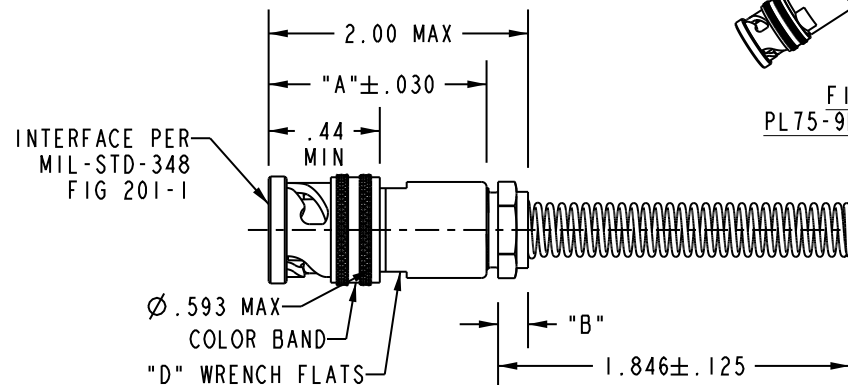
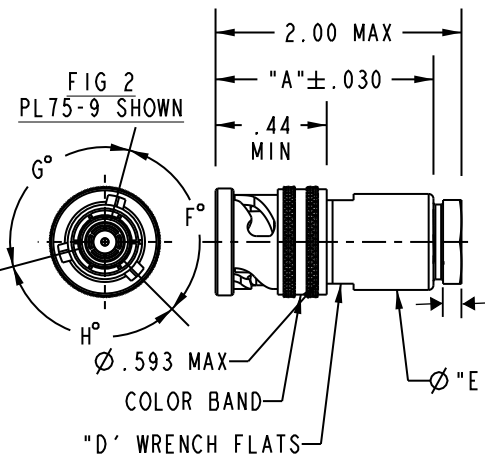
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# REVISIONS

| REV | DESCRIPTIONS | DATE    | APPROVED   |
|-----|--------------|---------|------------|
| BS  | ECO 52461    | 6/18/10 | C. MONAHAN |

TABLE 3

| KEYING LETTER | F DEGREES | G DEGREES | H DEGREES | COLOR BAND |
|---------------|-----------|-----------|-----------|------------|
| NONE          | 120°      | 120°      | 120°      | NONE       |
| T             | 100°      | 150°      | 110°      | RED        |
| U             | 120°      | 130°      | 110°      | ORANGE     |
| V             | 115°      | 130°      | 115°      | YELLOW     |
| W             | 125°      | 110°      | 125°      | GREEN      |
| X             | 130°      | 100°      | 130°      | BLUE       |
| Y             | 110°      | 140°      | 110°      | VIOLET     |
| Z             | 100°      | 160°      | 100°      | GRAY       |
| S             | 135°      | 135°      | 90°       | WHITE      |



5. EXAMPLE OF COMPLETE MODEL NO:
- PL75 T -9 BR 4
- BASIC MODEL NO: PL75 T -9 BR 4
- BEND RELIEF (OMIT IF NOT REQD)
- POLARIZATION LETTER: NONE REQD FOR STD
- DASH NO: (CABLE GROUP, SEE TABLE 1)
- POLARIZATION (SEE TABLE 3)

4 IF BEND RELIEF SPRING REQUIRED (SEE FIG 1) ADD SUFFIX "BR" TO MODEL NUMBER (NOT AVAILABLE WITH CABLE GROUPS -8, -10, -11, -12, -13, -13A, -14, -46, & -54)

3 CLAMP NUT OMITTED

## 2. CONCENTRIC TWINAX/TRIAx 3-LUG TRB CABLE PLUG

1. PLATING: 310-0002-XX
- NOTES: UNLESS OTHERWISE SPECIFIED. PER TFS-1 OR -U FOR UNPLATED

|                                                                                                                      |            |                                                                  |           |                                                                                                                                         |             |
|----------------------------------------------------------------------------------------------------------------------|------------|------------------------------------------------------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------|
| INTERPRET DRAWING PER MIL-STD-100. DIMENSIONS ARE IN INCHES AND INCLUDE FINISH THICKNESS UNLESS OTHERWISE SPECIFIED. |            | TOL: UNLESS SPECIFIED.<br>.XX ± .02<br>.XXX ± .010<br>ANGLE ± 1° |           | <br>cinch<br>CONNECTIVITY SOLUTIONS<br>a bel group |             |
| DRN                                                                                                                  | M. JOHNSON | 3-18-09                                                          | MATERIAL: |                                                                                                                                         |             |
| CHK                                                                                                                  | LM         | 4/1/09                                                           | FINISH:   | TITLE:<br>PL75/T/U/V/W/<br>X/Y/Z/S/BR                                                                                                   |             |
| QUALITY                                                                                                              |            |                                                                  |           |                                                                                                                                         |             |
| MANUF                                                                                                                |            |                                                                  |           | SIZE                                                                                                                                    | CAGE CODE   |
| APPROVED                                                                                                             |            |                                                                  |           | A                                                                                                                                       | 14949       |
| PROT FILE NO.                                                                                                        | 310-0002   | DO NOT SCALE DWG                                                 | SCALE     | 1/1                                                                                                                                     | DRAWING NO. |
|                                                                                                                      |            |                                                                  |           |                                                                                                                                         | 310-0002    |
|                                                                                                                      |            |                                                                  |           |                                                                                                                                         | REV.        |
|                                                                                                                      |            |                                                                  |           |                                                                                                                                         | BS          |
|                                                                                                                      |            |                                                                  |           | DATE                                                                                                                                    | 1-12-66     |
|                                                                                                                      |            |                                                                  |           | SHEET                                                                                                                                   | 1 OF 2      |