

| TABLE 1 |                            |
|---------|----------------------------|
| DASH NO | DESCRIPTION                |
| -1      | TERM (NO CHAIN)            |
| -2      | TERM WITH 2.5 BRASS CHAIN  |
| -3      | TERM WITH 2.5 NYLON CHAIN  |
| -4      | TERM WITH 3.0 BRASS CHAIN  |
| -5      | TERM WITH 3.0 NYLON CHAIN  |
| -6      | TERM WITH 6.0 BRASS CHAIN  |
| -7      | TERM WITH 6.0 NYLON CHAIN  |
| -8      | TERM WITH 4.0 BRASS CHAIN  |
| -9      | TERM WITH 4.0 NYLON CHAIN  |
| -10     | TERM WITH 10.0 BRASS CHAIN |
| -11     | TERM WITH 10.0 NYLON CHAIN |

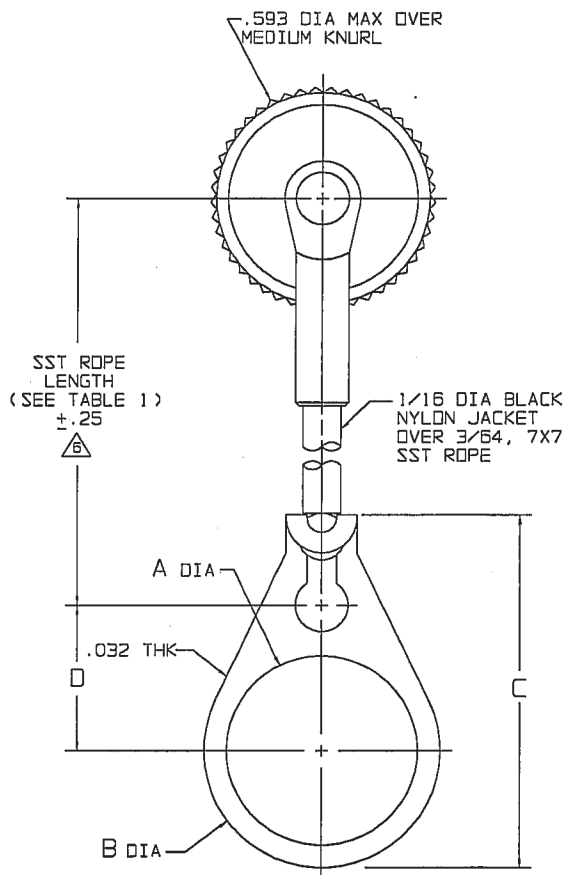
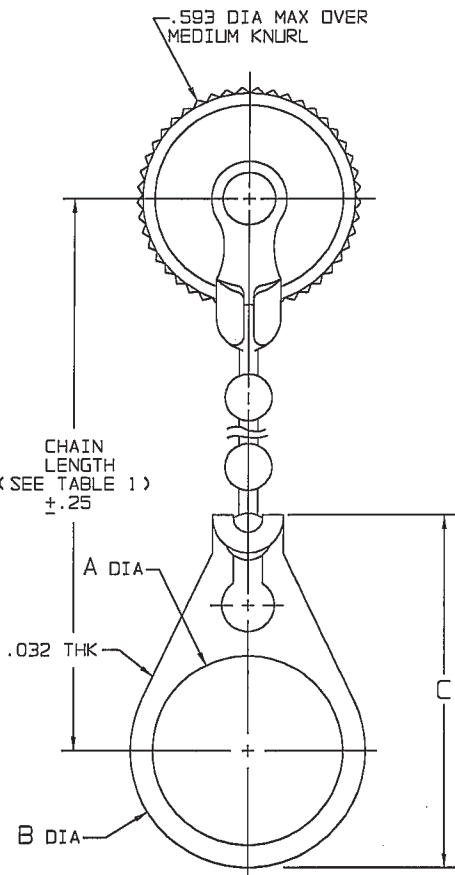
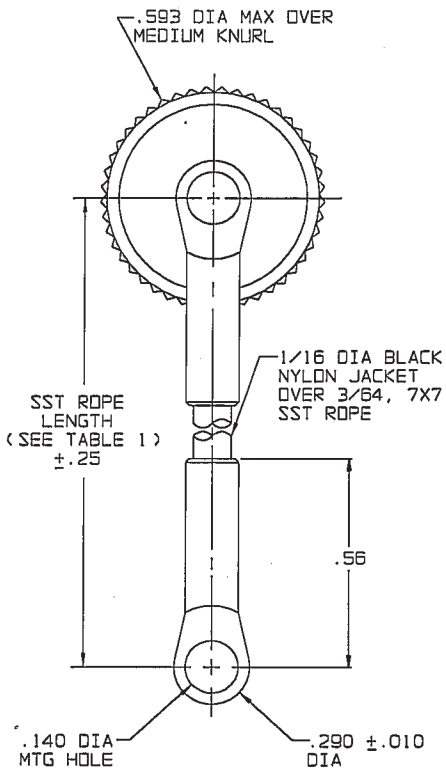
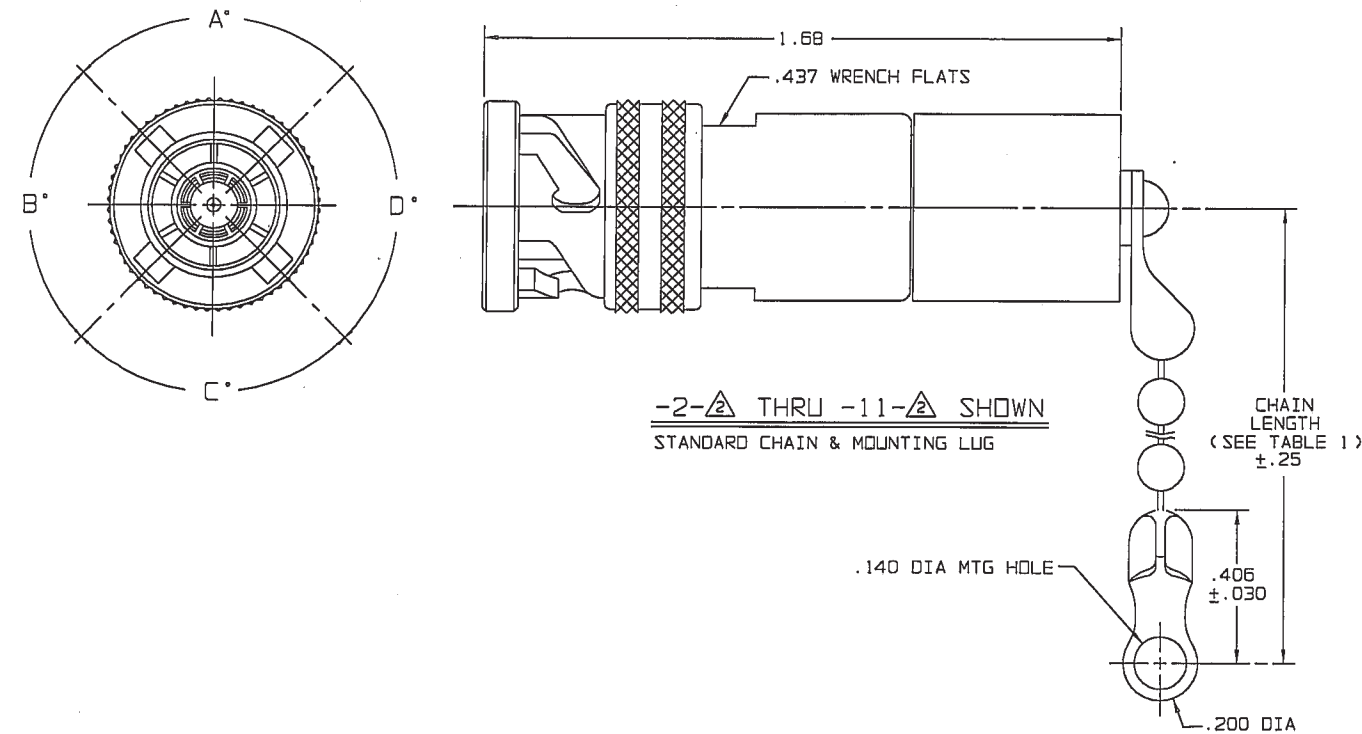
| TABLE 2  |           | POLARIZATION |          |          |          |
|----------|-----------|--------------|----------|----------|----------|
| MODEL NO | TYPE CONN | A DEGREE     | B DEGREE | C DEGREE | D DEGREE |
| TNG1     | 3 LUG     | 120°         | 120°     | 120°     | —        |
| TNGFL1   | 4 LUG     | 90°          | 90°      | 90°      | 90°      |
| TNGTL1   | 2 LUG     | 180°         | 180°     | —        | —        |
| TNG1T    | 3 LUG     | 100°         | 150°     | 110°     | —        |
| TNG1U    |           | 120°         | 130°     | 110°     | —        |
| TNG1V    |           | 115°         | 130°     | 115°     | —        |
| TNG1W    |           | 125°         | 110°     | 125°     | —        |
| TNG1X    |           | 130°         | 100°     | 130°     | —        |
| TNG1Y    |           | 110°         | 140°     | 110°     | —        |
| TNG1Z    |           | 100°         | 160°     | 100°     | —        |
| TNG1S    |           | 135°         | 135°     | 90°      | —        |

| TABLE 3 |         |         |         |         |
|---------|---------|---------|---------|---------|
| DASH NO | "A" DIA | "B" DIA | "C" DIM | "D" DIM |
| -D1     | .755    | .875    | 1.191   | .512    |
| -D2     | .630    | .750    | 1.066   | .450    |
| -D3     | .505    | .625    | .941    | .388    |
| -D4     | .439    | .562    | .878    | .355    |
| -D5     | .380    | .500    | .816    | .325    |
| -D6     | .317    | .437    | .753    | .295    |
| -D7     | .281    | .406    | .722    | .278    |
| -D8     | .610    | .750    | 1.066   | .450    |
| -D9     | .567    | .687    | 1.003   | .419    |
| -DD8    | .330    | .450    | .766    | .300    |

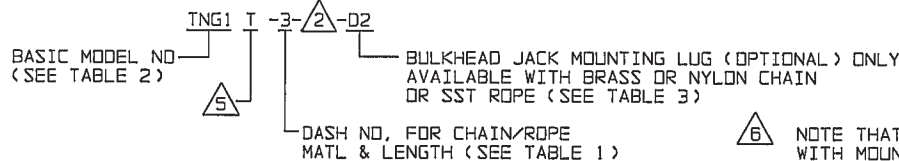
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| REVISIONS |                        | 310-0033 | SH 1C    |
|-----------|------------------------|----------|----------|
| REV       | DESCRIPTION            | DATE     | APPROVED |
| AF        | REVISED PER ECO #14443 | 3-5-02   | mm       |

RED INDICATES ORIGINAL



4. EXAMPLE OF COMPLETE MODEL NO:



3. 2, 3 & 4 LUG CONCENTRIC TWINAX/TRIAX TERMINATION PLUG WITH CHAIN, SST ROPE AND MOUNTING LUG OPTIONS

2. RESISTANCE VALUE IN OHMS, 1/2W, 1%, "S"= CONTACT SHORTED TO INNER SHIELD (NO RESISTOR) "D"= LOOSELY ASSEMBLED (NO RESISTOR)

1. ALL DIMENSION ARE IN INCHES

NOTE THAT LENGTH FOR SST ROPE WITH MOUNTING LUG OPTION IS NOT MEASURED TO CENTER OF BULKHEAD MOUNTING LUG

POLARIZATION LETTER; NONE REQUIRED FOR STANDARD POLARIZATION LETTER CODE (SEE TABLE 2)

| INCH | MM   | INCH | MM    | INCH | MM    | INCH | MM    | INCH  | MM     |
|------|------|------|-------|------|-------|------|-------|-------|--------|
| .005 | 0.13 | .295 | 7.49  | .437 | 11.10 | .625 | 15.88 | 1.003 | 25.48  |
| .010 | 0.25 | .300 | 7.62  | .439 | 11.15 | .630 | 16.00 | 1.066 | 27.08  |
| .030 | 0.76 | .317 | 8.05  | .450 | 11.43 | .687 | 17.45 | 1.68  | 42.67  |
| .032 | 0.81 | .325 | 8.26  | .500 | 12.70 | .722 | 18.34 | 2.5   | 63.50  |
| .140 | 3.56 | .330 | 8.38  | .505 | 12.83 | .750 | 19.05 | 3.0   | 76.20  |
| .200 | 5.08 | .355 | 9.02  | .56  | 14.22 | .753 | 19.13 | 4.0   | 101.60 |
| .25  | 6.35 | .380 | 9.65  | .562 | 14.27 | .766 | 19.46 | 4.5   | 114.30 |
| .278 | 7.06 | .388 | 9.86  | .567 | 14.40 | .816 | 20.73 | 6.0   | 152.40 |
| .281 | 7.14 | .406 | 10.31 | .593 | 15.06 | .878 | 22.30 | 7.0   | 177.80 |
| .290 | 7.37 | .419 | 10.64 | .610 | 15.49 | .941 | 23.90 | 10.0  | 254.00 |

INTERPRET DRAWING PER MIL-STD-100 DIMENSIONS ARE IN INCHES AND INCLUDE FINISH THICKNESS UNLESS OTHERWISE SPECIFIED

TOL: UNLESS SPECIFIED .XX ± .02 .XXX ± .010 .XXXX ANGLES

**TROMPETER**  
RF connectivity  
a cinch connectivity solutions brand

TITLE: TNG1/TNGFL1/TNGTL1/TNG1T,U,V,W,X,Y,Z & S

SIZE CAGE CODE DRAWING NO. REV. A 14949 310-0033 AF

SCALE 4/1 DATE: 7-15-66 SHEET 1C

NEXT ASSY

DO NOT SCALE DWG

# Mouser Electronics

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