

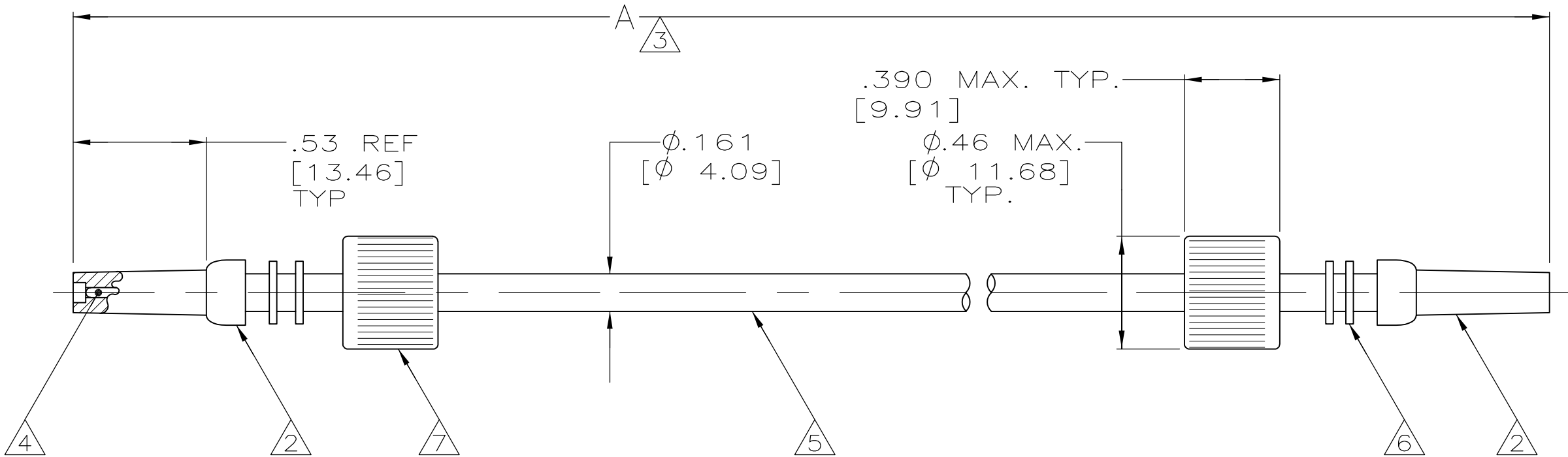
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| LOC | DIST | REVISIONS |     |                       |         |      |
|-----|------|-----------|-----|-----------------------|---------|------|
|     |      | P         | LTR | DESCRIPTION           | DATE    | DWN  |
| —   | —    |           | AA  | REV PER ECO-10-019775 | 12OCT10 | PY   |
|     |      |           |     |                       |         | APVD |
|     |      |           |     |                       |         | DE   |

| PART NO    | ASSY. TYPE | A                | NOTE     |
|------------|------------|------------------|----------|
| 830612-1   | I          | 24.00 [609.6]    | —        |
| 830612-2   | I          | 12.00 [304.8]    | —        |
| 830612-3   | I          | 6.00 [152.4]     | —        |
| 830612-4   | I          | 48.00 [1219.2]   | —        |
| 830612-5   | I          | 91.00 [2311.4]   | OBSOLETE |
| 830612-6   | I          | 83.00 [2108.2]   | —        |
| 830612-7   | I          | 75.00 [1905.0]   | OBSOLETE |
| 830612-8   | I          | 18.00 [457.6]    | —        |
| 830612-9   | I          | 10.00 [254.0]    | —        |
| 1-830612-0 | I          | 7.00 [177.8]     | OBSOLETE |
| 1-830612-1 | I          | 9.00 [228.6]     | OBSOLETE |
| 1-830612-2 | I          | 30.00 [762.0]    | —        |
| 1-830612-3 | I          | 12.50 [317.5]    | OBSOLETE |
| 1-830612-4 | I          | 16.00 [406.4]    | —        |
| 1-830612-5 | I          | 14.50 [368.3]    | OBSOLETE |
| 1-830612-6 | I          | 42.00 [1066.8]   | OBSOLETE |
| 1-830612-7 | I          | 8.50 [215.9]     | —        |
| 1-830612-8 | I          | 3.75 [95.2]      | OBSOLETE |
| 1-830612-9 | I          | 60.00 [1524.0]   |          |
| 2-830612-0 | I          | 14.00 [355.6]    | OBSOLETE |
| 2-830612-1 | I          | 5.00 [127.0]     | —        |
| 2-830612-2 | I          | 84.00 [2133.6]   | OBSOLETE |
| 2-830612-3 | I          | 15.00 [381.0]    | —        |
| 2-830612-4 | I          | 8.00 [203.2]     | —        |
| 2-830612-5 | I          | 7.60 [193.0]     | OBSOLETE |
| 2-830612-6 | I          | 36.00 [914.4]    | —        |
| 2-830612-7 | I          | 160.00 [4064.0]  | —        |
| 2-830612-8 | I          | 20.00 [508.0]    | —        |
| 2-830612-9 | I          | 11.00 [279.4]    | OBSOLETE |
| 3-830612-0 | I          | 13.00 [330.2]    | OBSOLETE |
| 3-830612-1 | I          | 96.00 [2438.4]   | —        |
| 3-830612-2 | I          | 5.50 [139.7]     | OBSOLETE |
| 3-830612-3 | I          | 7.50 [190.5]     | OBSOLETE |
| 3-830612-4 | I          | 945.00 [24003.0] | OBSOLETE |
| 3-830612-5 | I          | 120.00 [3048.0]  | OBSOLETE |
| 3-830612-6 | I          | 19.00 [482.6]    | OBSOLETE |
| 3-830612-7 | I          | 40.00 [1016.0]   | —        |
| 3-830612-8 | I          | 100.00 [2540.0]  | OBSOLETE |
| 3-830612-9 | I          | 236.25 [6000.7]  | OBSOLETE |
| 4-830612-0 | I          | 79.00 [2006.6]   | —        |
| 4-830612-1 | I          | 140.00 [3556.0]  | —        |
| 4-830612-2 | I          | 5.12 [130.0]     | OBSOLETE |
| 4-830612-3 | I          | 137.00 [3479.8]  | OBSOLETE |
| 4-830612-4 | I          | 18.00 [467.2]    | OBSOLETE |
| 4-830612-5 | I          | 98.5 [2501.9]    | —        |



1. MARK PER MIL-STD-130
2. MOLDED ENDS, SILICONE RUBBER, 2-REQD.
3. TOLERANCE: UP TO 24"[609.6]= ±.12"[±3.0], 24"[609.6] & UP = ±1%
4. SOCKET, 2-REQD.
5. #16 GAUGE STRANDED CONDUCTOR, SILICONE INSULATION  
COLOR: WHITE
6. TEFLON WASHER, 4-REQD.
7. CAP, 2-REQD.
8. TO MATE WITH AMP LGH-1/2 RECEPTACLE WITH .53 BARREL DEPTH.
9. DIMENSIONS IN BRACKETS ARE IN MILLIMETERS.  
METRIC EQUIVALENTS ARE GIVEN BASED  
UPON 1.00 INCH = 25.4 mm.
10. OPERATING CONDITIONS: 10KVDC, SEA LEVEL TO +70,000 FEET,  
-55° C TO +125° C

|                                        |                                        |                              |                                                           |           |            |               |
|----------------------------------------|----------------------------------------|------------------------------|-----------------------------------------------------------|-----------|------------|---------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |                                        | DWN 9-8-89<br>W. LEUFERT     | Tyco Electronics Corporation<br>Harrisburg, PA 17105-3608 |           |            |               |
| DIMENSIONS:<br>INCHES                  |                                        | CHK 10-10-89<br>G. SCHAEFFER |                                                           |           |            |               |
|                                        | TOLERANCES UNLESS OTHERWISE SPECIFIED: | APVD 10-11-89<br>D. EABY     | NAME                                                      |           |            |               |
|                                        |                                        | PRODUCT SPEC                 | ELECTRICAL LEAD, DOUBLE MOLDED END<br>LGH-1/2 (#16)       |           |            |               |
|                                        |                                        | APPLICATION SPEC             | —                                                         |           |            |               |
| MATERIAL                               | FINISH                                 | WEIGHT                       | SIZE                                                      | CAGE CODE | DRAWING NO | RESTRICTED TO |
| SEE CALLOUTS                           | SEE CALLOUTS                           | —                            | A2                                                        | 00779     | C=830612   | —             |
| CUSTOMER DRAWING                       |                                        | SCALE                        | 2:1                                                       | SHEET     | 1 of 1     | REV AA        |