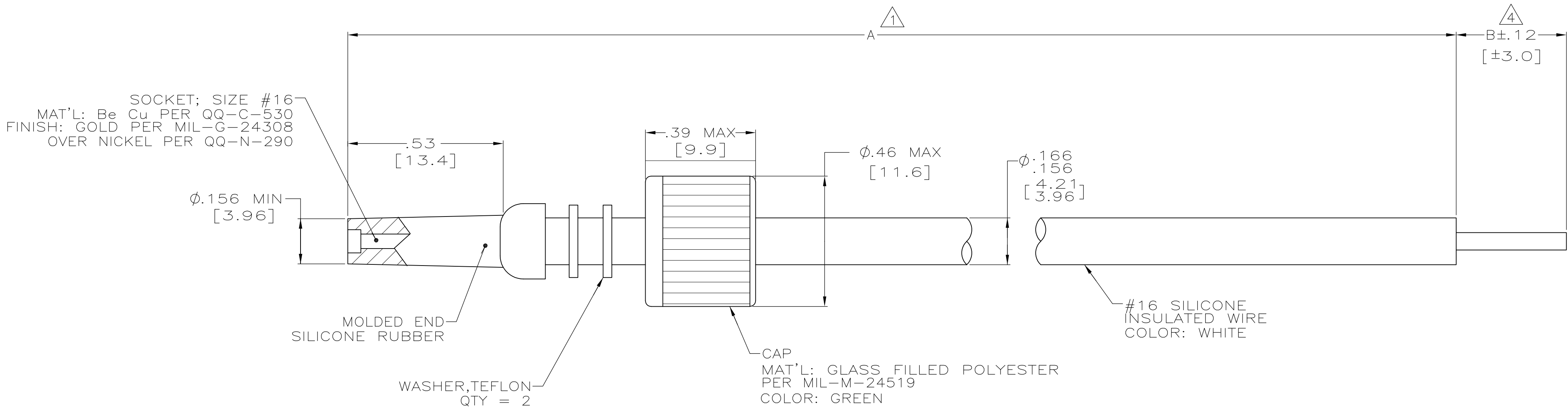


|                                           |                          |         |
|-------------------------------------------|--------------------------|---------|
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|     |      |           |     |                           |         |     |      |
|-----|------|-----------|-----|---------------------------|---------|-----|------|
| LOC | DIST | REVISIONS |     |                           |         |     |      |
| DF  | S0   | P         | LTR | DESCRIPTION               | DATE    | DWN | APVD |
|     |      |           | AD1 | REVISED PER ECO-11-005030 | 23MAR11 | RK  | HMR  |

| PART NO.   | A                  | B          |          |
|------------|--------------------|------------|----------|
| 830611-1   | 24.00 [609.6]      | .25 [6.4]  |          |
| 830611-2   | 12.00 [304.8]      | .25 [6.4]  |          |
| 830611-3   | 6.00 [152.4]       | .25 [6.4]  |          |
| 830611-4   | 9.00 [228.6]       | .25 [6.4]  |          |
| 830611-5   | 72.00 [1828.8]     | .25 [6.4]  |          |
| 830611-6   | 25.50 [647.7]      | .50 [12.7] |          |
| 830611-7   | 46.50 [1181.1]     | .50 [12.7] | OBSELETE |
| 830611-8   | 4.00 [101.6]       | .38 [9.7]  |          |
| 830611-9   | 30.00 [762.0]      | .25 [6.4]  |          |
| 1-830611-0 | 36.00 [914.4]      | .25 [6.4]  |          |
| 1-830611-1 | 8.00 [203.2]       | .25 [6.4]  |          |
| 1-830611-2 | 6.50 [165.1]       | .38 [9.7]  |          |
| 1-830611-3 | 16.00 [406.4]      | .38 [9.7]  |          |
| 1-830611-4 | 60.00 [1524.0]     | .38 [9.7]  |          |
| 1-830611-5 | 20.00 [508.0]      | -          |          |
| 1-830611-6 | 5.00 [127.0]       | .38 [9.7]  |          |
| 1-830611-7 | 96.00 [2438.4]     | .38 [9.7]  |          |
| 1-830611-8 | 10.00 [254.0]      | .38 [9.7]  |          |
| 1-830611-9 | 21.00 [533.4]      | .38 [9.7]  | OBSELETE |
| 2-830611-0 | 40.00 [1016.0]     | .38 [9.7]  |          |
| 2-830611-1 | 6.00 [152.4]       | .38 [9.7]  |          |
| 2-830611-2 | 1200.00 [304800.0] | -          | OBSELETE |
| 2-830611-3 | 48.00 [1219.2]     | .38 [9.7]  |          |
| 2-830611-4 | 7.00 [177.8]       | .38 [9.7]  |          |
| 2-830611-5 | 18.00 [457.2]      | .38 [9.7]  |          |
| 2-830611-6 | 11.00 [279.4]      | .25 [6.4]  |          |
| 2-830611-7 | 3.00 [76.2]        | .38 [9.7]  | OBSELETE |
| 2-830611-8 | 9.00 [228.6]       | .38 [9.7]  |          |
| 2-830611-9 | 15.00 [381.0]      | .25 [6.4]  |          |
| 3-830611-0 | 3.62 [91.9]        | .38 [9.7]  |          |
| 3-830611-1 | 8.62 [218.9]       | .38 [9.7]  |          |
| 3-830611-2 | 15.62 [396.7]      | .38 [9.7]  | OBSELETE |
| 3-830611-3 | 6.12 [155.4]       | .38 [9.7]  |          |
| 3-830611-4 | 23.62 [599.9]      | .38 [9.7]  |          |
| 3-830611-5 | 14.00 [355.6]      | .38 [9.7]  |          |
| 3-830611-6 | 11.50 [292.1]      | .25 [6.4]  | OBSELETE |
| 3-830611-7 | 78.00 [1981.2]     | .38 [9.7]  | OBSELETE |
| 3-830611-8 | 39.38 [1000.2]     | .25 [6.4]  |          |
| 3-830611-9 | 80.00 [2032.0]     | .38 [9.7]  |          |
| 4-830611-0 | 19.00 [482.6]      | .38 [9.7]  | OBSELETE |
| 4-830611-1 | 5.00 [127.0]       | -          | OBSELETE |
| 4-830611-2 | 15.50 [393.7]      | .50 [12.7] |          |
| 4-830611-3 | 8.12 [206.2]       | .50 [12.7] |          |
| 4-830611-4 | 32.00 [812.8]      | .38 [9.7]  |          |
| 4-830611-5 | 28.00 [711.2]      | .38 [9.7]  | OBSELETE |
| 4-830611-6 | 15.75 [400.1]      | -          |          |
| 4-830611-7 | 11.81 [300.0]      | .38 [9.7]  |          |
| 4-830611-8 | 12.00 [304.8]      | .38 [9.7]  |          |
| 4-830611-9 | 44.00 [1117.6]     | .38 [9.7]  | OBSELETE |
| 5-830611-0 | 52.00 [1320.8]     | .38 [9.7]  | OBSELETE |

| PART NO.   | A                | B          |          |
|------------|------------------|------------|----------|
| 5-830611-1 | 120.00 [3048.0]  | .38 [9.7]  |          |
| 5-830611-2 | 20.00 [508.0]    | .50 [12.7] |          |
| 5-830611-3 | 37.00 [939.8]    | .50 [12.7] | OBSOLETE |
| 5-830611-4 | 6.50 [165.1]     | .25 [6.4]  | OBSOLETE |
| 5-830611-5 | 10.00 [254.0]    | .25 [6.4]  | OBSOLETE |
| 5-830611-6 | 9.50 [241.3]     | .25 [6.4]  |          |
| 5-830611-7 | 4.00 [101.6]     | .25 [6.4]  | OBSOLETE |
| 5-830611-8 | 6.50 [165.1]     | .25 [6.4]  | OBSOLETE |
| 5-830611-9 | 10.75 [273.1]    | .25 [6.4]  | OBSOLETE |
| 6-830611-0 | 9.75 [247.7]     | .25 [6.4]  | OBSOLETE |
| 6-830611-1 | 4.50 [114.3]     | .25 [6.4]  | OBSOLETE |
| 6-830611-2 | 31.00 [787.4]    | .25 [6.4]  |          |
| 6-830611-3 | 38.00 [965.2]    | .25 [6.4]  |          |
| 6-830611-4 | 12.00 [304.8]    | -          |          |
| 6-830611-5 | 26.00 [660.4]    | .38 [9.7]  |          |
| 6-830611-6 | 13.00 [330.2]    | .38 [9.7]  | OBSOLETE |
| 6-830611-7 | 260.00 [6604.0]  | .38 [9.7]  | OBSOLETE |
| 6-830611-8 | 5.50 [139.7]     | .38 [9.7]  | OBSOLETE |
| 6-830611-9 | 180.00 [4572.0]  | .38 [9.7]  | OBSOLETE |
| 7-830611-0 | 17.00 [431.8]    | .38 [9.7]  |          |
| 7-830611-1 | 15.00 [381.0]    | .38 [9.7]  | OBSOLETE |
| 7-830611-2 | 6.44 [163.6]     | .38 [9.7]  | OBSOLETE |
| 7-830611-3 | 25.00 [635.0]    | .38 [9.7]  | OBSOLETE |
| 7-830611-4 | 108.00 [2743.2]  | .38 [9.7]  | OBSOLETE |
| 7-830611-5 | 132.0 [3352.8]   | .38 [9.7]  | OBSOLETE |
| 7-830611-6 | 156.00 [3962.4]  | .38 [9.7]  | OBSOLETE |
| 7-830611-7 | 19.70 [500.4]    | .38 [9.7]  | OBSOLETE |
| 7-830611-8 | 394.00 [10007.6] | .38 [9.7]  |          |
| 7-830611-9 | 787.50 [20002.5] | .38 [9.7]  | OBSOLETE |
| 8-830611-0 | 13.25 [336.6]    | -          | OBSOLETE |
| 8-830611-1 | 7.50 [190.5]     | .38 [9.7]  |          |
| 8-830611-2 | 24.00 [609.6]    | .38 [9.7]  | OBSOLETE |
| 8-830611-3 | 62.00 [1574.8]   | -          | OBSOLETE |
| 8-830611-4 | 22.00 [558.8]    | .38 [9.7]  | OBSOLETE |
| 8-830611-5 | 5.00 [127.0]     | .50 [12.7] |          |



- ① TOLERANCE OF LEAD LENGTH:  
UP TO 24 INCHES [609.6] =  $\pm 1.2$  [ $\pm 3.0$ ]  
24 INCHES [609.6] & UP =  $\pm 1\%$
2. MARKED PER MIL-STD-130.
3. TO MATE WITH AMP LGH-1/2  
RECEPTACLE WITH .53 [13.4] BARREL DEPTH.
- ④ WHERE APPLICABLE "B" STRIP LENGTH IS SOLDER DIPPED.
5. OPERATING VOLTAGE: 10 KVDC AT 0 TO 70,000 FEET,  $-55^{\circ}\text{C}$  TO  $125^{\circ}\text{C}$ .

|                                                                                       |  |                                                                                         |  |                                                                                                       |  |
|---------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWG. C.C.THOMAS 1-15-90<br>CHK. D.FABY 1-16-90<br>APP'D. D.FABY 1-16-90                 |  |  TE Connectivity |  |
| DIMENSIONS:                                                                           |  | TOLERANCES, UNLESS OTHERWISE SPECIFIED:                                                 |  | NAME                                                                                                  |  |
| SIZES (MM)                                                                            |  | 0 PLC ±<br>1 PLC ±<br>2 PLC ± .02 [0.5]<br>3 PLC ±<br>4 PLC ±<br>ANGLES ± -<br>FINISH - |  | LEAD ASS'Y, SGL. END, LGH=1/2<br>-                                                                    |  |
|  |  | PRODUCT SPEC<br>APPLICATION SPEC                                                        |  | SIZE CAGE CODE DRAWING NO<br>A1 00779 C-830611                                                        |  |
| MATERIAL SEE CALLOUTS                                                                 |  | WEIGHT -                                                                                |  | RESTRICTED TO -                                                                                       |  |
|                                                                                       |  | CUSTOMER DRAWING                                                                        |  | SCALE 4:1 SHEET 1 of 1 REV AD1                                                                        |  |