

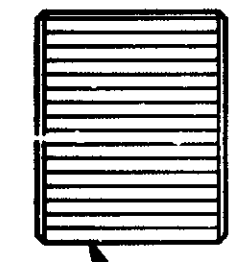
DRAWING MADE IN THIRD ANGLE PROJECTION

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| PROJ | LOC | DIST | ZONE | LTR | REVISIONS | DATE | APPD |
|------|-----|------|------|-----|---|-------|------|
| 4092 | DF | SO | | | | | |
| | | | | | DESCRIPTION | | |
| | | | | | REDRAW & ADD 3-1, 2-2 PER NPR 90-487, 488 & DF-4147 C | 12-90 | 0780 |

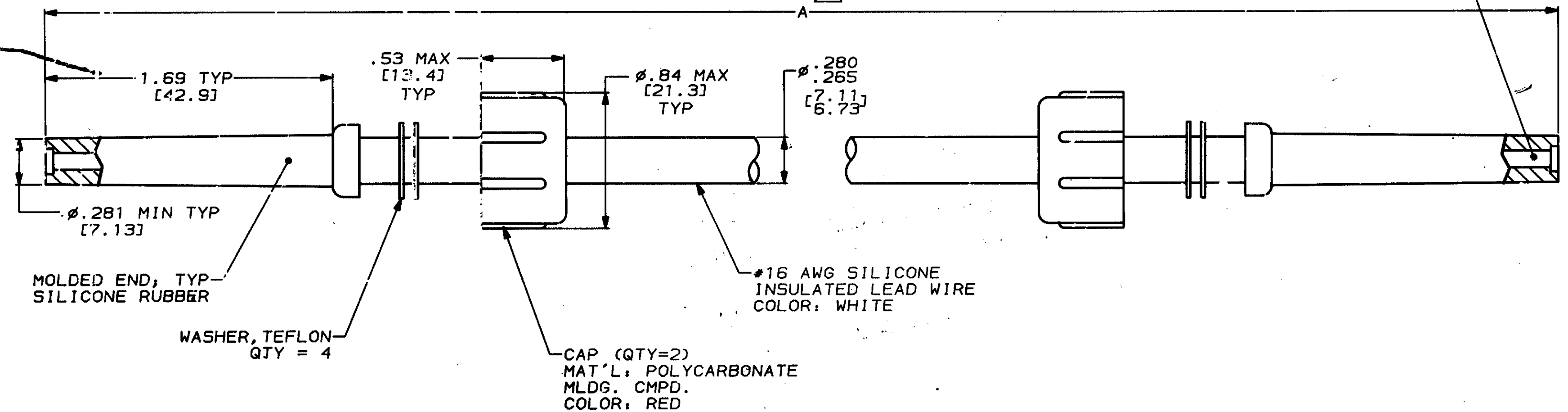
| PART NO. | A | |
|------------|-----------------|----------|
| 830638-1 | 8.00 [203.2] | OBSOLETE |
| 830638-2 | 6.00 [152.4] | |
| 830638-3 | 5.00 [127.0] | OBSOLETE |
| 830638-4 | 9.00 [228.6] | OBSOLETE |
| 830638-5 | 60.00 [1524.0] | OBSOLETE |
| 830638-6 | 36.00 [914.4] | |
| 830638-7 | 144.00 [3657.6] | OBSOLETE |
| 830638-8 | 180.00 [4572.0] | OBSOLETE |
| 830638-9 | 24.00 [609.6] | OBSOLETE |
| 1-830638-0 | 96.00 [2438.4] | OBSOLETE |
| 1-830638-1 | 34.00 [863.6] | OBSOLETE |
| 1-830638-2 | 30.00 [762.0] | OBSOLETE |
| 1-830638-3 | 20.00 [508.0] | |
| 1-830638-4 | 11.00 [279.4] | OBSOLETE |
| 1-830638-5 | 12.00 [304.8] | |
| 1-830638-6 | 16.00 [406.4] | OBSOLETE |
| 1-830638-7 | 7.00 [177.8] | OBSOLETE |
| 1-830638-8 | 10.00 [254.0] | OBSOLETE |
| 1-830638-9 | 18.00 [457.2] | |
| 2-830638-0 | 18.00 [457.2] | |

| PART NO. | A | |
|------------|-----------------|----------|
| 2-870638-1 | 84.00 [2133.6] | OBSOLETE |
| 2-830638-2 | 42.00 [1066.8] | OBSOLETE |
| 2-830638-3 | 160.00 [4064.0] | OBSOLETE |
| 2-830638-4 | 72.00 [1828.8] | |
| 2-830638-5 | 15.00 [381.0] | |
| 2-830638-6 | 40.00 [1016.0] | |
| 2-830638-7 | 14.00 [355.6] | OBSOLETE |
| 2-830638-8 | 120.00 [3048.0] | OBSOLETE |
| 2-830638-9 | 23.75 [603.3] | |
| 3-830638-0 | 26.00 [660.4] | OBSOLETE |
| 3-830638-1 | 39.50 [1003.3] | |
| 3-830638-2 | 51.00 [1295.4] | |



CAP (QTY=2)
 MAT'L: EPOXY MLDG. CMPD.
 COLOR: RED
 (THIS CAP IS USED ON
 LEADS 10.00 [254.0] OR SHORTER)

SOCKET, SIZE #16 (QTY=2)
 MAT'L: LEADED COPPER PER ASTM-B-301
 FINISH: GOLD PER MIL-G-45204
 OVER NICKEL PER QQ-N-290



- 1. TOLERANCE OF LEAD LENGTH:
 UP TO 24 INCHES [609.6] = ±.12 [±3.0]
 24 INCHES [609.6] & UP = ±1%
- 2. MARKED PER MIL-STD-130.
- 3. TO MATE WITH AMP LGH-1L RECEPTACLE WITH 1.69 [42.93] BARREL DEPTH.
- 4. OPERATING VOLTAGE: 25 KVDC AT 0 TO 70,000 FEET; -55°C TO 125°C.

| | | | |
|--|--|---|--------------------------------------|
| DO NOT SCALE PRINT. UNLESS SPECIFIED DIMENSIONS IN INCHES (mm) TOLERANCES ON: 2 PLC DEC ± .02 [0.5] 3 PLC DEC ± - ANGLES ± - | DR 12-5-90 C.C. THOMAS | AMP INCORPORATED Harrisburg, Pa. 17105 | |
| MATERIAL SEE CALLOUTS | CHK <i>Del R Oph...</i> 12/12/90 APPD <i>Del R Oph...</i> 12/12/90 APPD <i>Don Eady</i> 12/12/90 | NAME LEAD ASSY, DBL. END, LGH-1L | |
| FINISH SEE CALLOUTS | APPLICATION SPEC - | SIZE C | CAGE CODE 00779 |
| | WEIGHT - | SCALE 2:1 | DRAWING NO 830638 SHEET 1 OF 1 |

CUSTOMER DRAWING