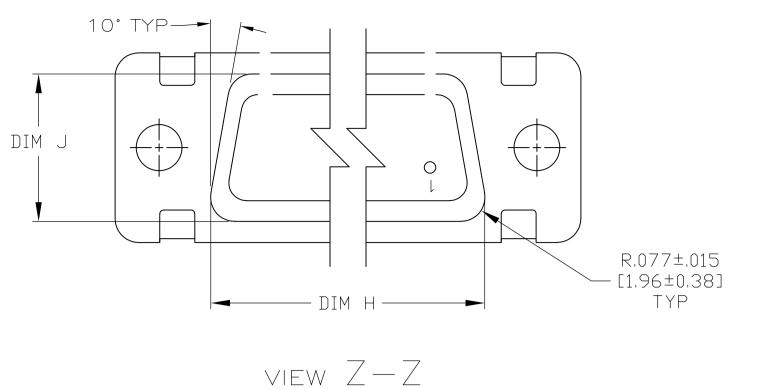
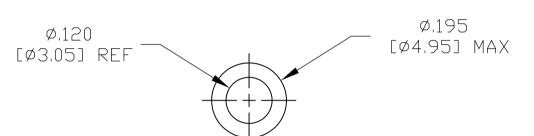
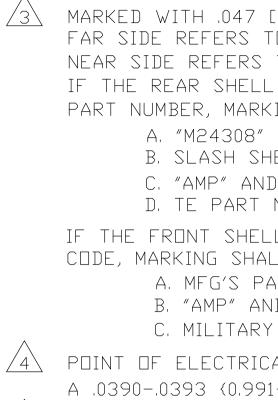


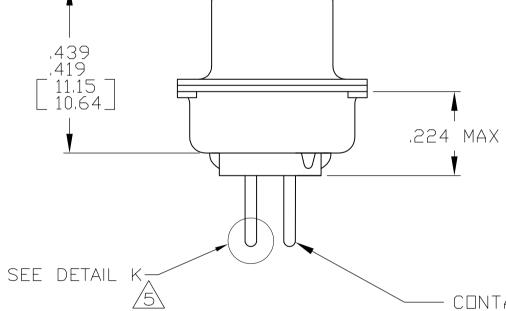
4805 (3/11)





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- CONTACT (QTY = NO, OF POSN) Matl: brass per astm-b-16, or beryllium COPPER PER ASTM-B-194 FINISH: GOLD PER ASTM-B-488, TYPE II, GRADE C, CLASS I.27 IN CONTACT MATING AREA, .000010 [0.0003] MIN THK GOLD PER ASTM-B-488 □∨ER ,000050 [0,0013] MIN THK NICKEL PER SAE-AMS-QQ-N-290 ON CONTACT BODY

,246±,003 [6,25±0,08]

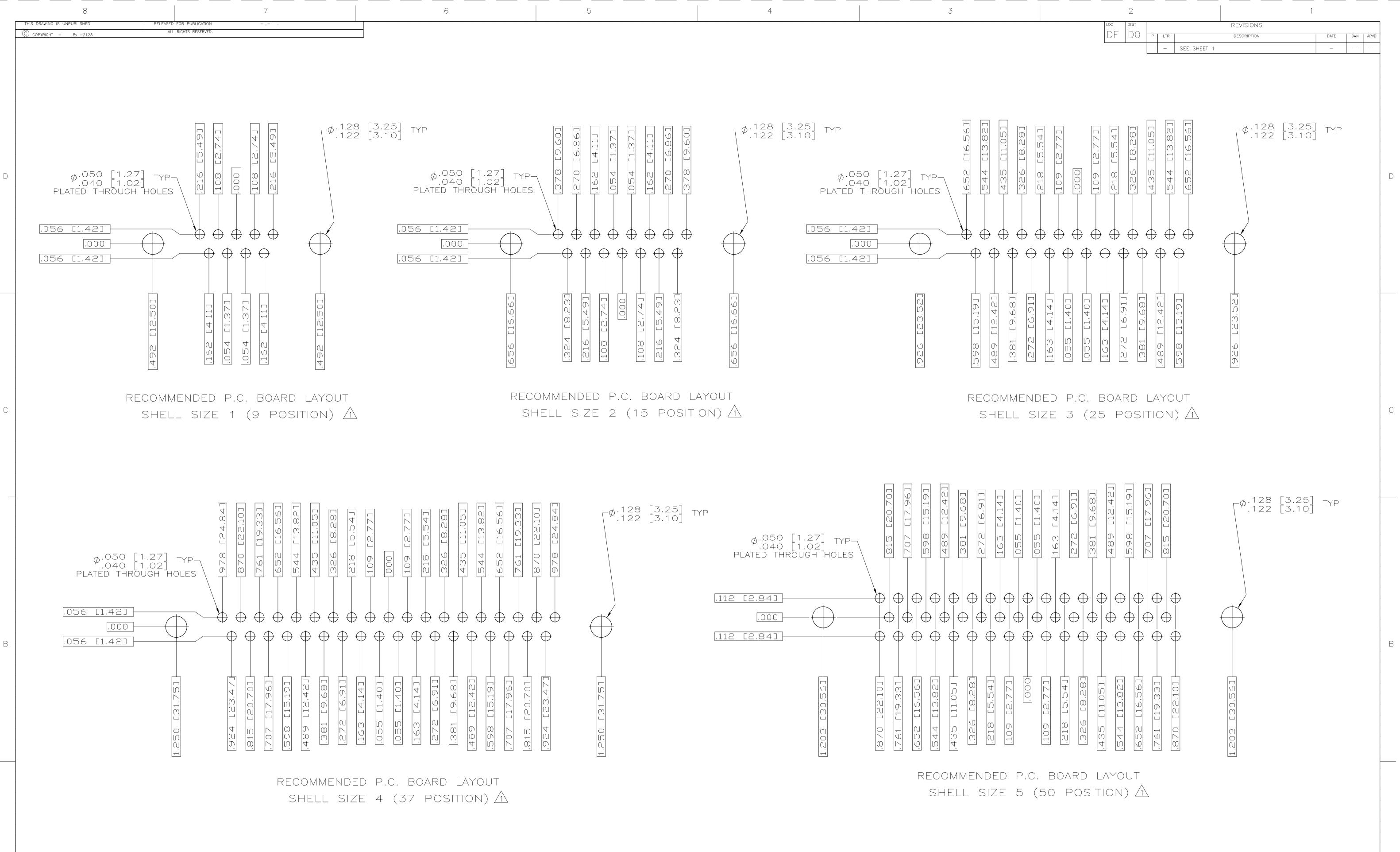
| .544 13.82<br>.524 13.31 2.188 55.58<br>2.168 55.07 | .620 [15.75]<br>.590 [14.99] | .428 10.87<br>.418 [10.62]   | 2.411 61.24<br>2.401 60.99            | 2.069 52.55<br>2.059 52.30    | 2.650 67.31<br>2.620 66.55 | MS18277-1                | 50                                 | 5   | M24308/23-11Z  | 1757830-5   | 1-1757830-0       |
|---|------------------------------|--|---------------------------------------|-------------------------------|----------------------------|--------------------------|------------------------------------|---|--|---|-------------------|
| .432 10.97 2.282 57.96<br>.412 10.46 2.262 57.45    | .509 12.93<br>.479 [12.17]   | .316 8.03<br>.306 7.77   | 2.505 63.63<br>2.495 63.37            | 2.164 54.97<br>2.154 54.71    | 2.744 69.70<br>2.714 68.94 | MS18276-1                | 37                                 | 4   | M24308/23-10Z  | 1757830-4   | 1757830-9 💪       |
| .432 10.97 1.635 41.53<br>.412 10.46 1.615 41.02    | .509 12.93<br>.479 [12.17]   | .316 8.03<br>.306 7.77   | 1.857 47.17<br>1.847 46.91            | 1.516 38.51<br>1.506 38.25    | 2.103 53.42<br>2.073 52.65 | MS18275-1                | 25                                 | 3   | M24308/23-9Z   | 1757830-3   | 1757830-8         |
| .432 10.97 1.093 27.76<br>.412 10.46 1.073 27.25    | .509 12.93<br>.479 [12.17]   | .316 8.03<br>.306 7.77   | 1.317 33.45<br>1.307 33.20            | .976 24.79<br>.966 24.54      | 1.556 39.52<br>1.526 38.76 | MS18274-1                | 15                                 | 2   | M24308/23-8Z   | 1757830-2   | 1757830-7 🙆 -     |
| .432 10.97 .769 19.53<br>.412 [10.46] .749 [19.02]  | .509 12.93<br>.479 [12.17]   | $\begin{array}{c} .316 \\ .306 \end{array} \begin{bmatrix} 8.03 \\ 7.77 \end{bmatrix}$ | .989 25.12<br>.979 24.87              | .648 _ 16.46<br>.638 [ 16.21] | 1.228 31.19<br>1.198 30.43 | MS18273-1                | 9                                  | 1   | M24308/23-7Z   | 1757830-1   | 1757830-6 🛕       |
| .544 13.82 2.188 55.58<br>.524 [13.31] 2.168 55.07] | .620 [15.75]<br>.590 [14.99] | .428 10.87<br>.418 [10.62]   | 2.411 <sub>6</sub> 61.24 <sub>1</sub> | 2.069 52.55<br>2.059 52.30    | 2.650 67.31<br>2.620 66.55 | MS18277-1                | 50                                 | 5   | M24308/23-11Z  | 1757830-5   | 1757830-5         |
| .432 10.97 2.282 57.96<br>.412 10.46 2.262 57.45    | .509 12.93<br>.479 [12.17]   | $\begin{array}{c} .316 \\ .306 \end{array} \begin{bmatrix} 8.03 \\ 7.77 \end{bmatrix}$ | 2.505 63.63<br>2.495 63.37            | 2.164 54.97<br>2.154 54.71    | 2.744 69.70<br>2.714 88.94 | MS18276-1                | 37                                 | 4   | M24308/23-10Z  | 1757830-4   | 1757830-4         |
| .432 10.97 1.635 41.53<br>.412 10.46 1.615 41.02    | .509 12.93<br>.479 [12.17]   | $\begin{array}{c} .316 \\ .306 \end{array} \begin{bmatrix} 8.03 \\ 7.77 \end{bmatrix}$ |                                       | 1.516 38.51<br>1.506 38.25    | 2.103 53.42<br>2.073 52.65 | MS18275-1                | 25                                 | 3   | M24308/23-9Z   | 1757830-3   | 1757830-3         |
| .432 10.97 1.093 27.76<br>.412 10.46 1.073 27.25    | .509 12.93<br>.479 [12.17]   | .316 8.03<br>.306 7.77   | 1.317 33.45<br>1.307 33.20            | .976 24.79<br>.966 24.54]     | 1.556 39.52<br>1.526 38.76 | MS18274-1                | 15                                 | 2   | M24308/23-8Z   | 1757830-2   | 1757830-2         |
| .432 10.97 .769 19.53<br>.412 10.46 .749 19.02      | .509 12.93<br>.479 [12.17]   | .316 8.03<br>.306 7.77   | .989 25.12<br>.979 24.87              | .648 _ 16.46<br>.638 [ 16.21] | 1.228 31.19<br>1.198 30.43 | MS18273-1                | 9                                  | 1   | M24308/23-7Z   | 1757830-1   | 1757830-1         |
| DIM J DIM H   | DIM E                        | DIM D  | DIM C                                 | DIM B                         | DIM A                      | INSERT<br>ARRANGEMENT    | NO OF<br>POS                       | SHELL<br>SIZE   | MILITARY $P/N 3$<br>ON CONNECTOR                     | MFG'S P/N<br>MARKED<br>ON CONNECTOR                   | PART NO.          |
|   |                              |  |                                       |                               |                            | THIS DRAWING IS          | A CONTROL                          | LED DOCUMENT  | DWN 3–22–06<br>С.С.ТНОМАЅ<br>СНК 3–27–06<br>D.MILLER | -E TE   | TE Connectivity   |
|   |                              |  |                                       |                               |                            |                          | 0 PLC<br>1 PLC<br>2 PLC            | LERANCES UNLESS<br>ERWISE SPECIFIED:<br>± –<br>± –<br>± – | APVD 3-27-06 NAI<br>D.MILLER<br>PRODUCT SPEC         | RECEPTACLE ASSEMBL<br>SERIES 109,SIZ<br>–             | , ,               |
|   |                              |  |                                       |                               |                            | MATERIAL<br>SEE CALLOUTS | 4 PLC<br>4 PLC<br>ANGLES<br>FINISH |   | APPLICATION SPEC                                     | ize cage code drawing no<br>1 00779 <b>C=</b> 1757830 |                   |
|   |                              |  |                                       |                               |                            |                          |                                    |   | CUSTOMER DRAWING                                     | SCALE 4   | :1 SHEET OF REV C |

| 3         |  | 2   |   |  | 1  |                 |  |  |  |
|-----------|--|---|---|--|--|-----------------|--|--|--|
|           |  | Loc DIST<br>DF AO   | REVISIONS<br>description  | DATE DWN APVD  |  |                 |  |  |  |
|           |  |   | P LTR<br>C  | REVISED PER EG   |  | 06FEB2013MGM CT |  |  |  |
|           |  |   |   |  |  |                 |  |  |  |
| 1         | TOLERANCE FOR  | JR RECOMMENDED P.C. B<br>P.C.BOARD LAYOUT IS .<br>ESTED BOARD THICKNES  | 010 EO,   | 25] AT MA  | X MATERIAL   |                 |  |  |  |
| 2,        | THE CONNECTORS   | S DESCRIBED IN THIS I<br>D MATE WITH ANY PLU  | )DCUME  | NT MEET  | THE REQUIREMENTS                                   | DF              |  |  |  |
| 3         | FAR SIDE REFER<br>NEAR SIDE REFE<br>IF THE REAR SH<br>PART NUMBER, M<br>A. "M2430<br>B. SLASH<br>C. "AMP"<br>D. TE PAR | 47 [1.19]062 [1.57] HI<br>S TO THE WIDE SIDE (<br>RS TO THE NARROW SI<br>ELL IS TOO SMALL FOF<br>ARKING SHALL BE LOCA<br>08″ ON FRONT SHELL, F<br>SHEET AND DASH NUM<br>AND DATE CODE ON FR<br>RT NUMBER ON REAR SI | JF THE<br>DE DF<br>R THE<br>ATED A<br>FAR SI<br>BER DN<br>BER DN<br>DNT SI<br>HELL, | KEYSTON<br>THE KEYS<br>ENTIRE MI<br>S FOLLOW<br>DE.<br>N REAR SH<br>HELL, NEA<br>NEAR SIDE | TONE,<br>LITARY<br>S:<br>Ell, FAR SIDE,<br>R SIDE, |                 |  |  |  |
|           | A, MFG'S<br>B, "AMP"   | SHALL BE SPLIT AS FO<br>Part number on rea<br>And date code on f  | LLOWS<br>R Shei<br>Ront S   | LL, NEAR<br>Shell, Nea   | AR SIDE.   | DATE            |  |  |  |
|           |  | ary part number on<br>rical engagement – 6  |   |  |  |                 |  |  |  |
| <u> </u>  |  | ,991-0,998] DIA SQUARE  |   |  |  |                 |  |  |  |
| 5         |  | PER J-STD-001 WITH S<br>Area of dimension sh  |   |  |  |                 |  |  |  |
| 6,        | MEETS SOLDERAB   | BLITY PER MIL-STD-202   | 2 METH  | DD 208.  |  |                 |  |  |  |
| <u>_7</u> | SPACERS (QTY =   | 2) ARE SUPPLIED WIT   | H CON   | NECTOR; N  | DT ATTACHED.                                       |                 |  |  |  |
|           |  |   |   |  |  |                 |  |  |  |

-SPACER 27 MATL: ALUMINUM ALLOY PER ASTM B 211 FINISH: CLEAR-BLUE TRICHROMATE

В

С



В

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| THIS   | DRAWING IS A       |
|--------|--------------------|
|        |                    |
|        | DIMENSIONS:        |
|        | INCHES             |
|        | $\odot$            |
| MATERI | al<br>SEE CALLOUTS |

| CONTROLLED DOCUMENT. |  | DWN<br>C.C.THOMAS | 3-27-06 |                          | _         | ? <b>T</b> E  | ТС        | Coppe  |                   | ,             |
|----------------------|--|-------------------|---------|--------------------------|-----------|---------------|-----------|--------|-------------------|---------------|
|                      |  | снк<br>D.MILLER   | 3-28-06 |                          |           | STE           |           | Conne  | ectivity          | ,<br>         |
|                      | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:  | apvd<br>D.MILLER  | 3-28-06 | NAME                     | RF        | CEPTACL       | e assembl | Y.AMPI | IMITE             |               |
|                      | 0 PLC ± -<br>1 PLC ± -   | PRODUCT SPEC      |         | SERIES 109,SIZE 1 THRU 5 |           |               |           |        |                   |               |
| _                    | 2 PLC ± -<br>3 PLC ± -   | APPLICATION SPEC  |         |                          | 1         |               | _         |        |                   |               |
|                      | $\begin{array}{rrrr} 4 & \text{PLC} & \pm & -\\ \text{ANGLES} & \pm & 11^{\text{res}} \end{array}$ | _                 |         | SIZE                     | CAGE CODE | DRAWING NO    |           |        |                   | RESTRICTED TO |
|                      | FINISH<br>SEE CALLOUTS   | WEIGHT            |         | A1                       | 00779     | <b>C-</b> 175 | 57830     |        |                   | _             |
|                      |  | CUSTOMER DR       | AWING   |                          |           |               | scale 4:1 | SHEET  | 2 <sup>OF</sup> 2 | 2 REV<br>C    |

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TE Connectivity: <u>1757830-1</u>