

|                              |                          |                      |
|------------------------------|--------------------------|----------------------|
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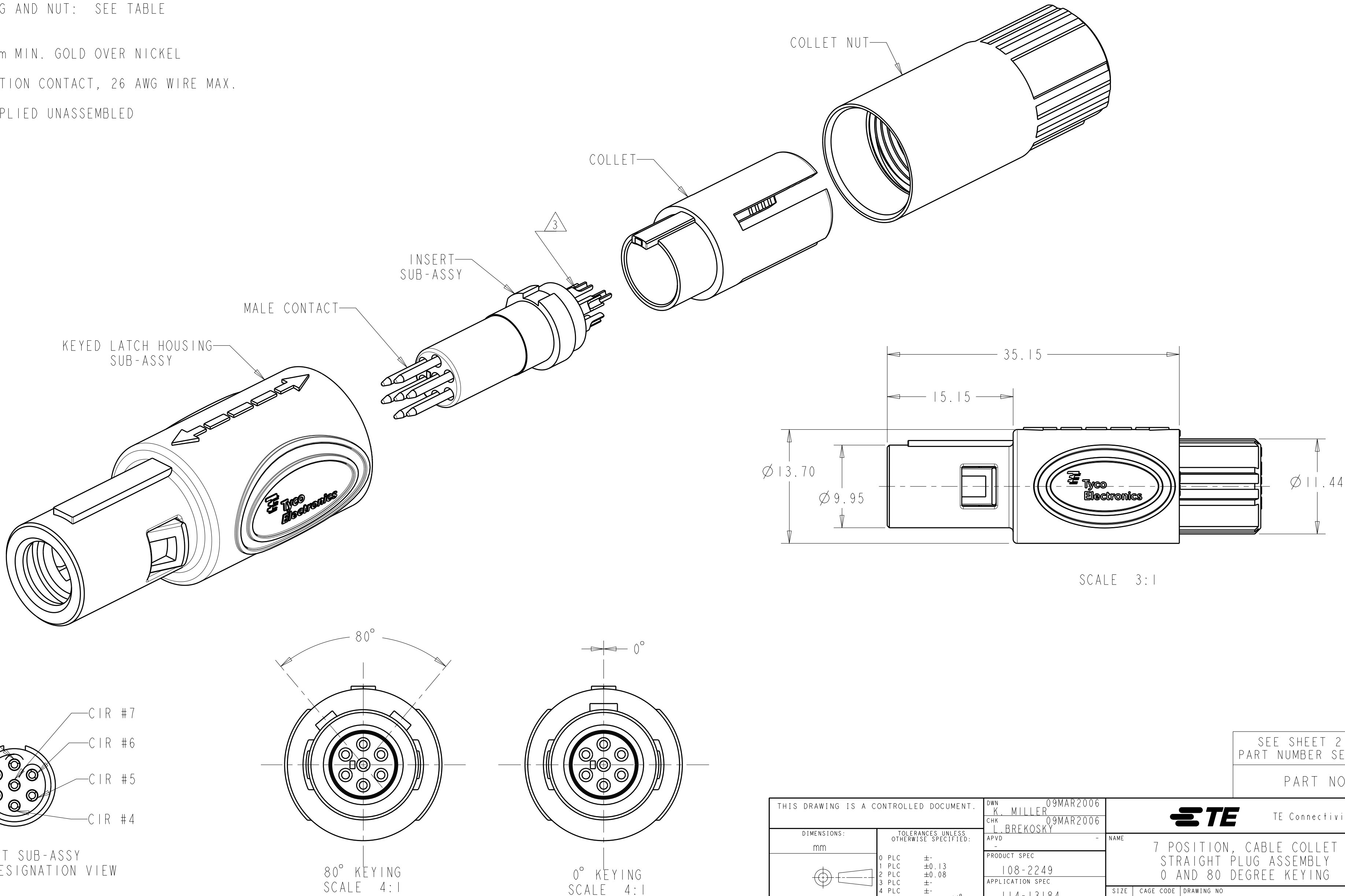
| LOC | DIST | REVISIONS |     |                           |           |     |      |
|-----|------|-----------|-----|---------------------------|-----------|-----|------|
| AD  | 00   | P         | LTR | DESCRIPTION               | DATE      | DWN | APVD |
|     |      |           | B3  | REVISED PER ECO-11-005027 | 12MAR2011 | RK  | HMR  |
|     |      |           |     |                           |           |     |      |
|     |      |           |     |                           |           |     |      |
|     |      |           |     |                           |           |     |      |

1 MATERIAL:  
CONTACT: BRASS  
LATCH HOUSING, INSERT, COLLET, COLLET NUT:  
UL 94V-0 RATED THERMOPLASTIC  
COLOR:  
COLLET AND INSERT: GRAY  
LATCH HOUSING AND NUT: SEE TABLE

2 FINISH:  
CONTACT, 0.75µm MIN. GOLD OVER NICKEL

3 SOLDER TERMINATION CONTACT, 26 AWG WIRE MAX.

4. PRODUCT IS SUPPLIED UNASSEMBLED



SEE SHEET 2 FOR  
PART NUMBER SELECTION

PART NO.

|                                        |  |                                                     |                             |                    |                    |                         |
|----------------------------------------|--|-----------------------------------------------------|-----------------------------|--------------------|--------------------|-------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN<br>K. MILLER<br>CHK<br>L. BREKOSKY<br>APVD<br>- | 09MAR2006<br>09MAR2006<br>- | TE Connectivity    |                    |                         |
| DIMENSIONS:<br>mm                      |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:              |                             | NAME               |                    |                         |
| 0 PLC ±                                |  | 1 PLC ±0.13                                         |                             | PRODUCT SPEC       |                    |                         |
| 2 PLC ±0.08                            |  | 3 PLC ±                                             |                             | 108-2249           |                    |                         |
| 4 PLC ±                                |  | ANGLES ±1°                                          |                             | APPLICATION SPEC   |                    |                         |
| FINISH                                 |  | 114-13184                                           |                             | WEIGHT             |                    |                         |
| 1                                      |  | 2                                                   |                             | CUSTOMER DRAWING   |                    |                         |
|                                        |  |                                                     |                             | SIZE<br>A2         | CAGE CODE<br>00779 | DRAWING NO<br>C-1877847 |
|                                        |  |                                                     |                             | RESTRICTED TO<br>- |                    |                         |
|                                        |  |                                                     |                             | SCALE<br>4:1       | SHEET<br>1         | OF<br>3                 |
|                                        |  |                                                     |                             | REV<br>B3          |                    |                         |

|                                          |                          |    |
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| LOC | DIST | REVISIONS |     |             |      |     |      |
|-----|------|-----------|-----|-------------|------|-----|------|
| AD  | 00   | P         | LTR | DESCRIPTION | DATE | DWN | APVD |
| -6  |      |           | -   | SEE SHEET 1 | -    | -   | -    |
|     |      |           |     |             |      |     |      |
|     |      |           |     |             |      |     |      |
|     |      |           |     |             |      |     |      |

|                         |                     |                        |        |             |
|-------------------------|---------------------|------------------------|--------|-------------|
| Ø 2.7-Ø 3.9             | BLUE                | GRAY                   | 80°    | 7-1877847-2 |
| Ø 4.0-Ø 5.2             | BLUE                | GRAY                   | 80°    | 7-1877847-1 |
| Ø 5.3-Ø 6.5             | BLUE                | GRAY                   | 80°    | 7-1877847-0 |
| Ø 2.7-Ø 3.9             | BLUE                | GRAY                   | 0°     | 6-1877847-9 |
| Ø 4.0-Ø 5.2             | BLUE                | GRAY                   | 0°     | 6-1877847-8 |
| Ø 5.3-Ø 6.5             | BLUE                | GRAY                   | 0°     | 6-1877847-7 |
| Ø 2.7-Ø 3.9             | BLUE                | BLACK                  | 80°    | 6-1877847-6 |
| Ø 4.0-Ø 5.2             | BLUE                | BLACK                  | 80°    | 6-1877847-5 |
| Ø 5.3-Ø 6.5             | BLUE                | BLACK                  | 80°    | 6-1877847-4 |
| Ø 2.7-Ø 3.9             | BLUE                | BLACK                  | 0°     | 6-1877847-3 |
| Ø 4.0-Ø 5.2             | BLUE                | BLACK                  | 0°     | 6-1877847-2 |
| Ø 5.3-Ø 6.5             | BLUE                | BLACK                  | 0°     | 6-1877847-1 |
| Ø 2.7-Ø 3.9             | GREEN               | GRAY                   | 80°    | 6-1877847-0 |
| Ø 4.0-Ø 5.2             | GREEN               | GRAY                   | 80°    | 5-1877847-9 |
| Ø 5.3-Ø 6.5             | GREEN               | GRAY                   | 80°    | 5-1877847-8 |
| Ø 2.7-Ø 3.9             | GREEN               | GRAY                   | 0°     | 5-1877847-7 |
| Ø 4.0-Ø 5.2             | GREEN               | GRAY                   | 0°     | 5-1877847-6 |
| Ø 5.3-Ø 6.5             | GREEN               | GRAY                   | 0°     | 5-1877847-5 |
| Ø 2.7-Ø 3.9             | GREEN               | BLACK                  | 80°    | 5-1877847-4 |
| Ø 4.0-Ø 5.2             | GREEN               | BLACK                  | 80°    | 5-1877847-3 |
| Ø 5.3-Ø 6.5             | GREEN               | BLACK                  | 80°    | 5-1877847-2 |
| Ø 2.7-Ø 3.9             | GREEN               | BLACK                  | 0°     | 5-1877847-1 |
| Ø 4.0-Ø 5.2             | GREEN               | BLACK                  | 0°     | 5-1877847-0 |
| Ø 5.3-Ø 6.5             | GREEN               | BLACK                  | 0°     | 4-1877847-9 |
| Ø 2.7-Ø 3.9             | YELLOW              | GRAY                   | 80°    | 4-1877847-8 |
| Ø 4.0-Ø 5.2             | YELLOW              | GRAY                   | 80°    | 4-1877847-7 |
| Ø 5.3-Ø 6.5             | YELLOW              | GRAY                   | 80°    | 4-1877847-6 |
| Ø 2.7-Ø 3.9             | YELLOW              | GRAY                   | 0°     | 4-1877847-5 |
| Ø 4.0-Ø 5.2             | YELLOW              | GRAY                   | 0°     | 4-1877847-4 |
| Ø 5.3-Ø 6.5             | YELLOW              | GRAY                   | 0°     | 4-1877847-3 |
| Ø 2.7-Ø 3.9             | YELLOW              | BLACK                  | 80°    | 4-1877847-2 |
| Ø 4.0-Ø 5.2             | YELLOW              | BLACK                  | 80°    | 4-1877847-1 |
| Ø 5.3-Ø 6.5             | YELLOW              | BLACK                  | 80°    | 4-1877847-0 |
| Ø 2.7-Ø 3.9             | YELLOW              | BLACK                  | 0°     | 3-1877847-9 |
| Ø 4.0-Ø 5.2             | YELLOW              | BLACK                  | 0°     | 3-1877847-8 |
| Ø 5.3-Ø 6.5             | YELLOW              | BLACK                  | 0°     | 3-1877847-7 |
| CABLE RANGE             | COLLET NUT<br>COLOR | LATCH HOUSING<br>COLOR | KEYING | PART NO.    |
| PART NUMBERS 37 THRU 72 |                     |                        |        |             |

|                        |                     |                        |        |             |
|------------------------|---------------------|------------------------|--------|-------------|
| Ø 2.7-Ø 3.9            | WHITE               | GRAY                   | 80°    | 3-1877847-6 |
| Ø 4.0-Ø 5.2            | WHITE               | GRAY                   | 80°    | 3-1877847-5 |
| Ø 5.3-Ø 6.5            | WHITE               | GRAY                   | 80°    | 3-1877847-4 |
| Ø 2.7-Ø 3.9            | WHITE               | GRAY                   | 0°     | 3-1877847-3 |
| Ø 4.0-Ø 5.2            | WHITE               | GRAY                   | 0°     | 3-1877847-2 |
| Ø 5.3-Ø 6.5            | WHITE               | GRAY                   | 0°     | 3-1877847-1 |
| Ø 2.7-Ø 3.9            | WHITE               | BLACK                  | 80°    | 3-1877847-0 |
| Ø 4.0-Ø 5.2            | WHITE               | BLACK                  | 80°    | 2-1877847-9 |
| Ø 5.3-Ø 6.5            | WHITE               | BLACK                  | 80°    | 2-1877847-8 |
| Ø 2.7-Ø 3.9            | WHITE               | BLACK                  | 0°     | 2-1877847-7 |
| Ø 4.0-Ø 5.2            | WHITE               | BLACK                  | 0°     | 2-1877847-6 |
| Ø 5.3-Ø 6.5            | WHITE               | BLACK                  | 0°     | 2-1877847-5 |
| Ø 2.7-Ø 3.9            | RED                 | GRAY                   | 80°    | 2-1877847-4 |
| Ø 4.0-Ø 5.2            | RED                 | GRAY                   | 80°    | 2-1877847-3 |
| Ø 5.3-Ø 6.5            | RED                 | GRAY                   | 80°    | 2-1877847-2 |
| Ø 2.7-Ø 3.9            | RED                 | GRAY                   | 0°     | 2-1877847-1 |
| Ø 4.0-Ø 5.2            | RED                 | GRAY                   | 0°     | 2-1877847-0 |
| Ø 5.3-Ø 6.5            | RED                 | GRAY                   | 0°     | 1-1877847-9 |
| Ø 2.7-Ø 3.9            | RED                 | BLACK                  | 80°    | 1-1877847-8 |
| Ø 4.0-Ø 5.2            | RED                 | BLACK                  | 80°    | 1-1877847-7 |
| Ø 5.3-Ø 6.5            | RED                 | BLACK                  | 80°    | 1-1877847-6 |
| Ø 2.7-Ø 3.9            | RED                 | BLACK                  | 0°     | 1-1877847-5 |
| Ø 4.0-Ø 5.2            | RED                 | BLACK                  | 0°     | 1-1877847-4 |
| Ø 5.3-Ø 6.5            | RED                 | BLACK                  | 0°     | 1-1877847-3 |
| Ø 2.7-Ø 3.9            | GRAY                | GRAY                   | 80°    | 1-1877847-2 |
| Ø 4.0-Ø 5.2            | GRAY                | GRAY                   | 80°    | 1-1877847-1 |
| Ø 5.3-Ø 6.5            | GRAY                | GRAY                   | 80°    | 1-1877847-0 |
| Ø 2.7-Ø 3.9            | GRAY                | GRAY                   | 0°     | 1877847-9   |
| Ø 4.0-Ø 5.2            | GRAY                | GRAY                   | 0°     | 1877847-8   |
| Ø 5.3-Ø 6.5            | GRAY                | GRAY                   | 0°     | 1877847-7   |
| Ø 2.7-Ø 3.9            | BLACK               | BLACK                  | 80°    | 1877847-6   |
| Ø 4.0-Ø 5.2            | BLACK               | BLACK                  | 80°    | 1877847-5   |
| Ø 5.3-Ø 6.5            | BLACK               | BLACK                  | 80°    | 1877847-4   |
| Ø 2.7-Ø 3.9            | BLACK               | BLACK                  | 0°     | 1877847-3   |
| Ø 4.0-Ø 5.2            | BLACK               | BLACK                  | 0°     | 1877847-2   |
| Ø 5.3-Ø 6.5            | BLACK               | BLACK                  | 0°     | 1877847-1   |
| CABLE RANGE            | COLLET NUT<br>COLOR | LATCH HOUSING<br>COLOR | KEYING | PART NO.    |
| PART NUMBERS I THRU 36 |                     |                        |        |             |

|                                                                                       |  |                                        |  |                                                                                                       |  |                    |              |               |
|---------------------------------------------------------------------------------------|--|----------------------------------------|--|-------------------------------------------------------------------------------------------------------|--|--------------------|--------------|---------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN<br>K. MILLER 09MAR2006             |  |  TE Connectivity |  |                    |              |               |
|                                                                                       |  | CHK<br>L. BREKOSKY 09MAR2006           |  |                                                                                                       |  |                    |              |               |
| DIMENSIONS:                                                                           |  | TOLERANCES UNLESS OTHERWISE SPECIFIED: |  | NAME<br><br>7 POSITION, CABLE COLLET<br>STRAIGHT PLUG ASSEMBLY<br>0 AND 80 DEGREE KEYING              |  |                    |              |               |
| mm                                                                                    |  |                                        |  |                                                                                                       |  |                    |              |               |
|  |  | 0 PLC ±.                               |  |                                                                                                       |  |                    |              |               |
|                                                                                       |  | 1 PLC ±0.13                            |  |                                                                                                       |  |                    |              |               |
|                                                                                       |  | 2 PLC ±0.08                            |  |                                                                                                       |  |                    |              |               |
|                                                                                       |  | 3 PLC ±.                               |  |                                                                                                       |  |                    |              |               |
|                                                                                       |  | 4 PLC ±.                               |  | APVD -                                                                                                |  |                    |              |               |
| ANGLES ±1°                                                                            |  |                                        |  |                                                                                                       |  |                    |              |               |
| MATERIAL                                                                              |  | FINISH                                 |  | SIZE                                                                                                  |  | CAGE CODE          | DRAWING NO   | RESTRICTED TO |
|                                                                                       |  |                                        |  | WEIGHT -                                                                                              |  | A2 00779 C=1877847 |              | -             |
| CUSTOMER DRAWING                                                                      |  |                                        |  |                                                                                                       |  | SCALE 4 : 1        | SHEET 2 OF 3 | REV B3        |



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