



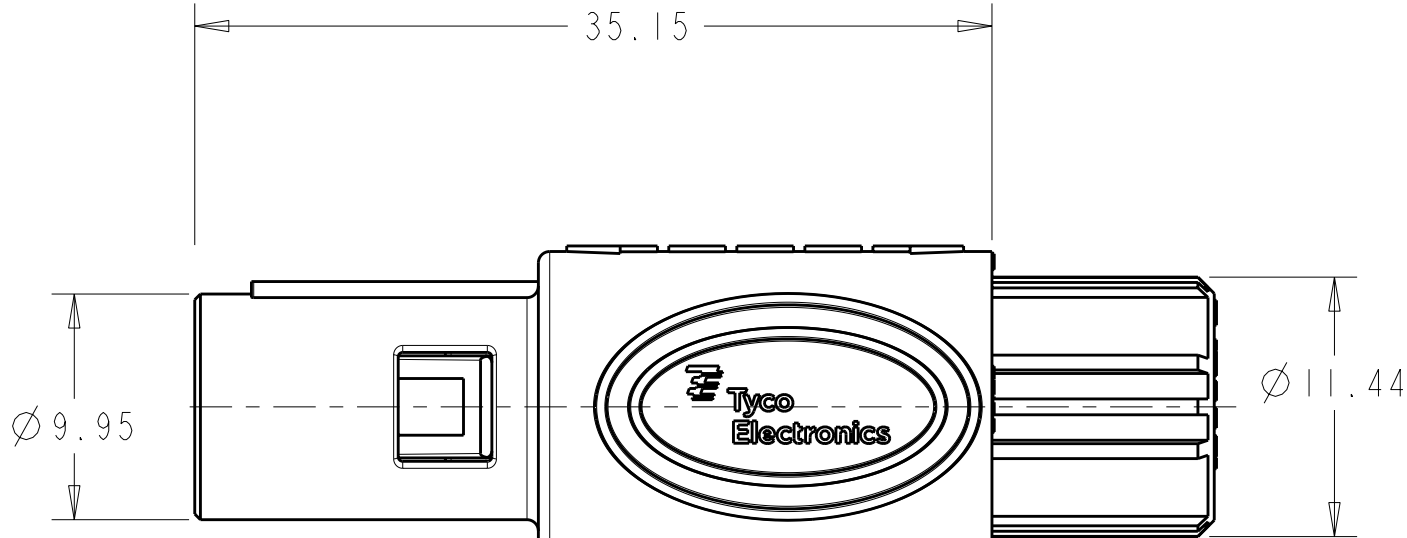
1 MATERIAL:  
CONTACT: BRASS  
LATCH HOUSING, INSERT, COLLET, COLLET NUT:  
UL 94V-0 RATED THERMOPLASTIC  
COLOR:  
COLLET AND INSERT: GRAY  
LATCH HOUSING AND NUT: SEE TABLE

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

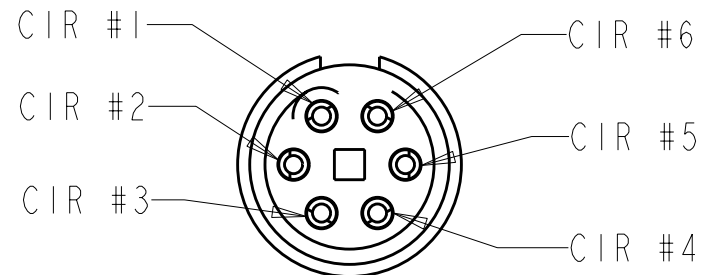
3 SOLDER TERMINATION CONTACT, 26 AWG WIRE MAX.

4. PRODUCT IS SUPPLIED UNASSEMBLED

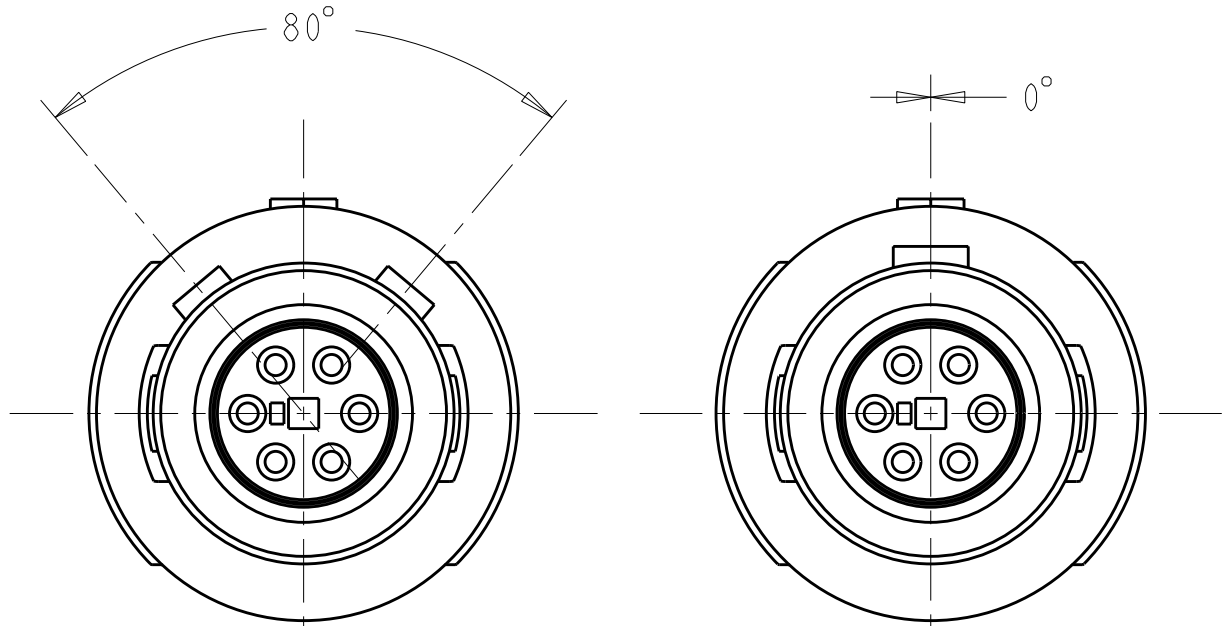
| LOC | DIST | REVISIONS |     |           |     |
|-----|------|-----------|-----|-----------|-----|
|     |      | P         | LTR | DATE      | OWN |
| AD  | 00   | B3        |     | 12MAR2011 | RK  |
|     |      |           |     |           |     |
|     |      |           |     |           |     |
|     |      |           |     |           |     |



SCALE 3:1



INSERT SUB-ASSY  
CIRCUIT DESIGNATION VIEW



80° KEYING  
SCALE 4:1

0° KEYING  
SCALE 4:1

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<br>6 POSITION CABLE COLLET<br>0 DEGREE AND 80 DEGREE KEYING<br>STRAIGHT PLUG ASSEMBLY |  |
| 0 PLC ±<br>1 PLC ±0.13<br>2 PLC ±0.08<br>3 PLC ±<br>4 PLC ± |  | PRODUCT SPEC<br>108-2249                            |                             | SIZE<br>A2                                                                                 |  |
| MATERIAL<br>1                                               |  | APPLICATION SPEC<br>114-13184                       |                             | CAGE CODE<br>00779                                                                         |  |
|                                                             |  | WEIGHT<br>-                                         |                             | DRAWING NO<br>C-1877846                                                                    |  |
|                                                             |  | CUSTOMER DRAWING                                    |                             | RESTRICTED TO<br>-                                                                         |  |
|                                                             |  | SCALE 4:1                                           |                             | SHEET 1 OF 3                                                                               |  |
|                                                             |  |                                                     |                             | REV B3                                                                                     |  |

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

20

© COPYRIGHT 20

BY -

ALL RIGHTS RESERVED.

LOC

DIST

AD

00

REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|-----|-------------|------|-----|------|
|   | -   | SEE SHEET 1 | -    | -   | -    |
|   |     |             |      |     |      |
|   |     |             |      |     |      |
|   |     |             |      |     |      |

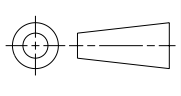
|                         |                  |                     |        |             |
|-------------------------|------------------|---------------------|--------|-------------|
| Ø 2.7-Ø 3.9             | BLUE             | GRAY                | 80°    | 7-1877846-2 |
| Ø 4.0-Ø 5.2             | BLUE             | GRAY                | 80°    | 7-1877846-1 |
| Ø 5.3-Ø 6.5             | BLUE             | GRAY                | 80°    | 7-1877846-0 |
| Ø 2.7-Ø 3.9             | BLUE             | GRAY                | 0°     | 6-1877846-9 |
| Ø 4.0-Ø 5.2             | BLUE             | GRAY                | 0°     | 6-1877846-8 |
| Ø 5.3-Ø 6.5             | BLUE             | GRAY                | 0°     | 6-1877846-7 |
| Ø 2.7-Ø 3.9             | BLUE             | BLACK               | 80°    | 6-1877846-6 |
| Ø 4.0-Ø 5.2             | BLUE             | BLACK               | 80°    | 6-1877846-5 |
| Ø 5.3-Ø 6.5             | BLUE             | BLACK               | 80°    | 6-1877846-4 |
| Ø 2.7-Ø 3.9             | BLUE             | BLACK               | 0°     | 6-1877846-3 |
| Ø 4.0-Ø 5.2             | BLUE             | BLACK               | 0°     | 6-1877846-2 |
| Ø 5.3-Ø 6.5             | BLUE             | BLACK               | 0°     | 6-1877846-1 |
| Ø 2.7-Ø 3.9             | GREEN            | GRAY                | 80°    | 6-1877846-0 |
| Ø 4.0-Ø 5.2             | GREEN            | GRAY                | 80°    | 5-1877846-9 |
| Ø 5.3-Ø 6.5             | GREEN            | GRAY                | 80°    | 5-1877846-8 |
| Ø 2.7-Ø 3.9             | GREEN            | GRAY                | 0°     | 5-1877846-7 |
| Ø 4.0-Ø 5.2             | GREEN            | GRAY                | 0°     | 5-1877846-6 |
| Ø 5.3-Ø 6.5             | GREEN            | GRAY                | 0°     | 5-1877846-5 |
| Ø 2.7-Ø 3.9             | GREEN            | BLACK               | 80°    | 5-1877846-4 |
| Ø 4.0-Ø 5.2             | GREEN            | BLACK               | 80°    | 5-1877846-3 |
| Ø 5.3-Ø 6.5             | GREEN            | BLACK               | 80°    | 5-1877846-2 |
| Ø 2.7-Ø 3.9             | GREEN            | BLACK               | 0°     | 5-1877846-1 |
| Ø 4.0-Ø 5.2             | GREEN            | BLACK               | 0°     | 5-1877846-0 |
| Ø 5.3-Ø 6.5             | GREEN            | BLACK               | 0°     | 4-1877846-9 |
| Ø 2.7-Ø 3.9             | YELLOW           | GRAY                | 80°    | 4-1877846-8 |
| Ø 4.0-Ø 5.2             | YELLOW           | GRAY                | 80°    | 4-1877846-7 |
| Ø 5.3-Ø 6.5             | YELLOW           | GRAY                | 80°    | 4-1877846-6 |
| Ø 2.7-Ø 3.9             | YELLOW           | GRAY                | 0°     | 4-1877846-5 |
| Ø 4.0-Ø 5.2             | YELLOW           | GRAY                | 0°     | 4-1877846-4 |
| Ø 5.3-Ø 6.5             | YELLOW           | GRAY                | 0°     | 4-1877846-3 |
| Ø 2.7-Ø 3.9             | YELLOW           | BLACK               | 80°    | 4-1877846-2 |
| Ø 4.0-Ø 5.2             | YELLOW           | BLACK               | 80°    | 4-1877846-1 |
| Ø 5.3-Ø 6.5             | YELLOW           | BLACK               | 80°    | 4-1877846-0 |
| Ø 2.7-Ø 3.9             | YELLOW           | BLACK               | 0°     | 3-1877846-9 |
| Ø 4.0-Ø 5.2             | YELLOW           | BLACK               | 0°     | 3-1877846-8 |
| Ø 5.3-Ø 6.5             | YELLOW           | BLACK               | 0°     | 3-1877846-7 |
| CABLE RANGE             | COLLET NUT COLOR | LATCH HOUSING COLOR | KEYING | PART NO.    |
| PART NUMBERS 37 THRU 72 |                  |                     |        |             |

|                        |                  |                     |        |             |
|------------------------|------------------|---------------------|--------|-------------|
| Ø 2.7-Ø 3.9            | WHITE            | GRAY                | 80°    | 3-1877846-6 |
| Ø 4.0-Ø 5.2            | WHITE            | GRAY                | 80°    | 3-1877846-5 |
| Ø 5.3-Ø 6.5            | WHITE            | GRAY                | 80°    | 3-1877846-4 |
| Ø 2.7-Ø 3.9            | WHITE            | GRAY                | 0°     | 3-1877846-3 |
| Ø 4.0-Ø 5.2            | WHITE            | GRAY                | 0°     | 3-1877846-2 |
| Ø 5.3-Ø 6.5            | WHITE            | GRAY                | 0°     | 3-1877846-1 |
| Ø 2.7-Ø 3.9            | WHITE            | BLACK               | 80°    | 3-1877846-0 |
| Ø 4.0-Ø 5.2            | WHITE            | BLACK               | 80°    | 2-1877846-9 |
| Ø 5.3-Ø 6.5            | WHITE            | BLACK               | 80°    | 2-1877846-8 |
| Ø 2.7-Ø 3.9            | WHITE            | BLACK               | 0°     | 2-1877846-7 |
| Ø 4.0-Ø 5.2            | WHITE            | BLACK               | 0°     | 2-1877846-6 |
| Ø 5.3-Ø 6.5            | WHITE            | BLACK               | 0°     | 2-1877846-5 |
| Ø 2.7-Ø 3.9            | RED              | GRAY                | 80°    | 2-1877846-4 |
| Ø 4.0-Ø 5.2            | RED              | GRAY                | 80°    | 2-1877846-3 |
| Ø 5.3-Ø 6.5            | RED              | GRAY                | 80°    | 2-1877846-2 |
| Ø 2.7-Ø 3.9            | RED              | GRAY                | 0°     | 2-1877846-1 |
| Ø 4.0-Ø 5.2            | RED              | GRAY                | 0°     | 2-1877846-0 |
| Ø 5.3-Ø 6.5            | RED              | GRAY                | 0°     | 1-1877846-9 |
| Ø 2.7-Ø 3.9            | RED              | BLACK               | 80°    | 1-1877846-8 |
| Ø 4.0-Ø 5.2            | RED              | BLACK               | 80°    | 1-1877846-7 |
| Ø 5.3-Ø 6.5            | RED              | BLACK               | 80°    | 1-1877846-6 |
| Ø 2.7-Ø 3.9            | RED              | BLACK               | 0°     | 1-1877846-5 |
| Ø 4.0-Ø 5.2            | RED              | BLACK               | 0°     | 1-1877846-4 |
| Ø 5.3-Ø 6.5            | RED              | BLACK               | 0°     | 1-1877846-3 |
| Ø 2.7-Ø 3.9            | GRAY             | GRAY                | 80°    | 1-1877846-2 |
| Ø 4.0-Ø 5.2            | GRAY             | GRAY                | 80°    | 1-1877846-1 |
| Ø 5.3-Ø 6.5            | GRAY             | GRAY                | 80°    | 1-1877846-0 |
| Ø 2.7-Ø 3.9            | GRAY             | GRAY                | 0°     | 1877846-9   |
| Ø 4.0-Ø 5.2            | GRAY             | GRAY                | 0°     | 1877846-8   |
| Ø 5.3-Ø 6.5            | GRAY             | GRAY                | 0°     | 1877846-7   |
| Ø 2.7-Ø 3.9            | BLACK            | BLACK               | 80°    | 1877846-6   |
| Ø 4.0-Ø 5.2            | BLACK            | BLACK               | 80°    | 1877846-5   |
| Ø 5.3-Ø 6.5            | BLACK            | BLACK               | 80°    | 1877846-4   |
| Ø 2.7-Ø 3.9            | BLACK            | BLACK               | 0°     | 1877846-3   |
| Ø 4.0-Ø 5.2            | BLACK            | BLACK               | 0°     | 1877846-2   |
| Ø 5.3-Ø 6.5            | BLACK            | BLACK               | 0°     | 1877846-1   |
| CABLE RANGE            | COLLET NUT COLOR | LATCH HOUSING COLOR | KEYING | PART NO.    |
| PART NUMBERS 1 THRU 36 |                  |                     |        |             |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm



TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±  
1 PLC ±0.13  
2 PLC ±0.08  
3 PLC ±  
4 PLC ±  
ANGLES ±1°  
FINISH

MATERIAL

-

DWN  
K. MILLER  
CHK  
L. BREKOSKY  
APVD  
-  
PRODUCT SPEC  
108-2249  
APPLICATION SPEC  
114-13184  
WEIGHT  
-  
CUSTOMER DRAWING

09MAR2006  
09MAR2006  
-  
NAME  
6 POSITION CABLE COLLET  
0 DEGREE AND 80 DEGREE KEYING  
STRAIGHT PLUG ASSEMBLY  
SIZE  
A2  
CAGE CODE  
00779  
DRAWING NO  
1877846  
RESTRICTED TO  
-  
SCALE  
4:1  
SHEET  
2  
OF  
3  
REV  
B3

TE Connectivity

TE

1471-9 (3/11)

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

20

© COPYRIGHT 20

BY -

ALL RIGHTS RESERVED.

LOC

DIST

AD00

REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|-----|-------------|------|-----|------|
|   | -   | SEE SHEET 1 | -    | -   | -    |
|   |     |             |      |     |      |
|   |     |             |      |     |      |
|   |     |             |      |     |      |

|                         |                   |                        |        |             |
|-------------------------|-------------------|------------------------|--------|-------------|
| Ø 2.7-Ø 3.9             | BLACK             | GRAY                   | 80°    | 8-1877846-4 |
| Ø 4.0-Ø 5.2             | BLACK             | GRAY                   | 80°    | 8-1877846-3 |
| Ø 5.3-Ø 6.5             | BLACK             | GRAY                   | 80°    | 8-1877846-2 |
| Ø 2.7-Ø 3.9             | BLACK             | GRAY                   | 0°     | 8-1877846-1 |
| Ø 4.0-Ø 5.2             | BLACK             | GRAY                   | 0°     | 8-1877846-0 |
| Ø 5.3-Ø 6.5             | BLACK             | GRAY                   | 0°     | 7-1877846-9 |
| Ø 2.7-Ø 3.9             | GRAY              | BLACK                  | 80°    | 7-1877846-8 |
| Ø 4.0-Ø 5.2             | GRAY              | BLACK                  | 80°    | 7-1877846-7 |
| Ø 5.3-Ø 6.5             | GRAY              | BLACK                  | 80°    | 7-1877846-6 |
| Ø 2.7-Ø 3.9             | GRAY              | BLACK                  | 0°     | 7-1877846-5 |
| Ø 4.0-Ø 5.2             | GRAY              | BLACK                  | 0°     | 7-1877846-4 |
| Ø 5.3-Ø 6.5             | GRAY              | BLACK                  | 0°     | 7-1877846-3 |
| CABLE RANGE             | BACK-NUT<br>COLOR | LATCH HOUSING<br>COLOR | KEYING | PART NO.    |
| PART NUMBERS 73 THRU 84 |                   |                        |        |             |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

K. MILLER

09MAR2006

CHK

L. BREKOSKY

09MAR2006

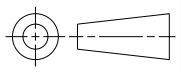
APVD

-

-

DIMENSIONS:

mm



0 PLC ±-

1 PLC ±0.13

2 PLC ±0.08

3 PLC ±-

4 PLC ±-

ANGLES ±1°

FINISH

MATERIAL

-

PRODUCT SPEC

108-2249

APPLICATION SPEC

114-13184

WEIGHT

-

CUSTOMER DRAWING

NAME

6 POSITION CABLE COLLET  
0 DEGREE AND 80 DEGREE KEYING  
STRAIGHT PLUG ASSEMBLY

SIZE

A2

CAGE CODE

00779

DRAWING NO

1877846

RESTRICTED TO

-

SCALE

4:1

SHEET

3

OF

3

REV

B3

TE Connectivity

1471-9 (3/11)