

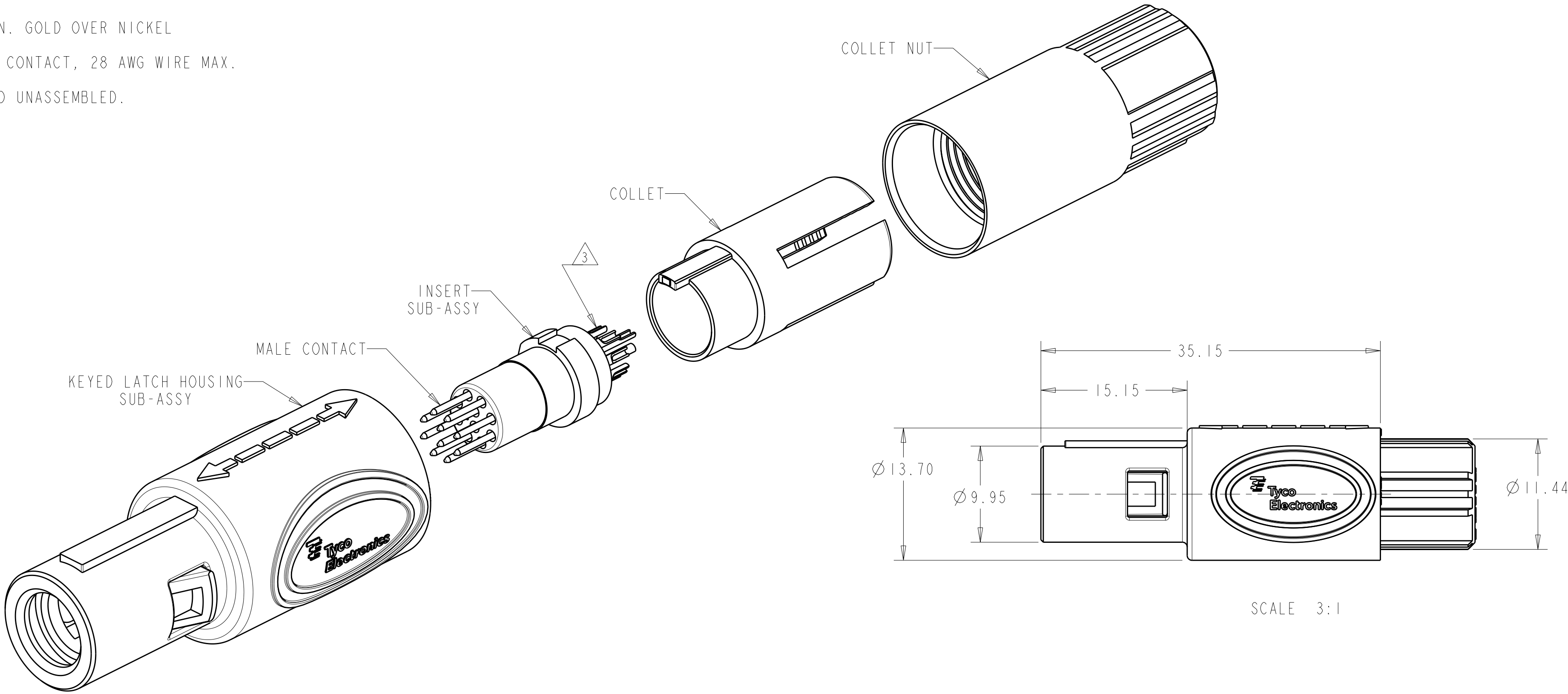
| LOC | DIST | REVISIONS |     |                           |           |
|-----|------|-----------|-----|---------------------------|-----------|
| AD  | 00   | P         | LTR | DESCRIPTION               | DATE      |
|     |      |           |     |                           | DWN       |
|     |      |           |     |                           | 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

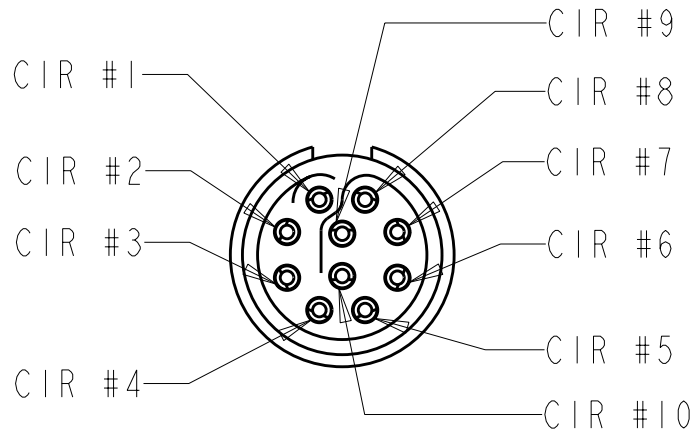
2 FINISH:  
CONTACT, 0.75µm MIN. GOLD OVER NICKEL

3 SOLDER TERMINATION CONTACT, 28 AWG WIRE MAX.

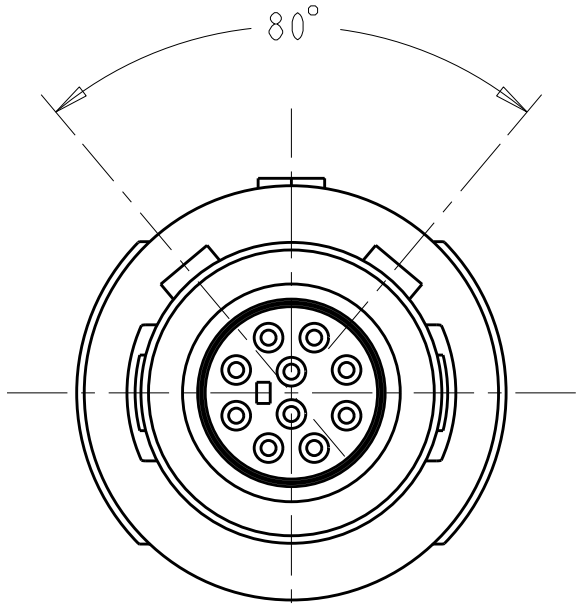
4. PRODUCT IS SUPPLIED UNASSEMBLED.



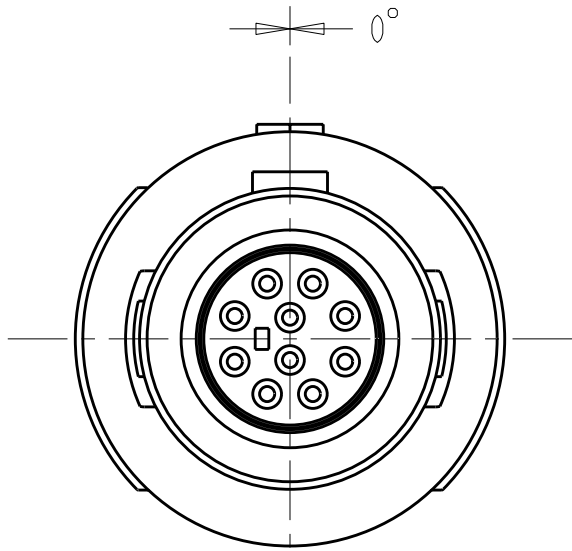
SCALE 3:1



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>09MAR2006   | TE Connectivity                                                               |           |            |               |
|                                        |  | CHK<br>L. BREKOSKY<br>09MAR2006 |                                                                               |           |            |               |
| DIMENSIONS:                            |  | APVD<br>-                       | NAME                                                                          |           |            |               |
| mm                                     |  | PRODUCT SPEC                    | 10 POSITION, CABLE COLLET<br>STRAIGHT PLUG ASSEMBLY<br>0 AND 80 DEGREE KEYING |           |            |               |
|                                        |  | APPLICATION SPEC                |                                                                               |           |            |               |
|                                        |  | 114-13184                       |                                                                               |           |            |               |
| MATERIAL                               |  | WEIGHT                          | SIZE                                                                          | CAGE CODE | DRAWING NO | RESTRICTED TO |
| 1                                      |  | -                               | A2                                                                            | 00779     | C-1877848  | -             |
|                                        |  | CUSTOMER DRAWING                | SCALE                                                                         | 4:1       | SHEET      | OF            |
|                                        |  |                                 |                                                                               |           | 1          | 3             |
|                                        |  |                                 |                                                                               |           |            | REV B3        |

4

3

2

1

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RELEASED FOR PUBLICATION

20

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LOC

DIST

AD00

REVISIONS

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

Ø 2.7-Ø 3.9

BLUE

GRAY

80°

7-1877848-2

Ø 4.0-Ø 5.2

BLUE

GRAY

80°

7-1877848-1

Ø 5.3-Ø 6.5

BLUE

GRAY

80°

7-1877848-0

Ø 2.7-Ø 3.9

BLUE

GRAY

0°

6-1877848-9

Ø 4.0-Ø 5.2

BLUE

GRAY

0°

6-1877848-8

Ø 5.3-Ø 6.5

BLUE

GRAY

0°

6-1877848-7

Ø 2.7-Ø 3.9

BLUE

BLACK

80°

6-1877848-6

Ø 4.0-Ø 5.2

BLUE

BLACK

80°

6-1877848-5

Ø 5.3-Ø 6.5

BLUE

BLACK

80°

6-1877848-4

Ø 2.7-Ø 3.9

BLUE

BLACK

0°

6-1877848-3

Ø 4.0-Ø 5.2

BLUE

BLACK

0°

6-1877848-2

Ø 5.3-Ø 6.5

BLUE

BLACK

0°

6-1877848-1

Ø 2.7-Ø 3.9

GREEN

GRAY

80°

6-1877848-0

Ø 4.0-Ø 5.2

GREEN

GRAY

80°

5-1877848-9

Ø 5.3-Ø 6.5

GREEN

GRAY

80°

5-1877848-8

Ø 2.7-Ø 3.9

GREEN

GRAY

0°

5-1877848-7

Ø 4.0-Ø 5.2

GREEN

GRAY

0°

5-1877848-6

Ø 5.3-Ø 6.5

GREEN

GRAY

0°

5-1877848-5

Ø 2.7-Ø 3.9

GREEN

BLACK

80°

5-1877848-4

Ø 4.0-Ø 5.2

GREEN

BLACK

80°

5-1877848-3

Ø 5.3-Ø 6.5

GREEN

BLACK

80°

5-1877848-2

Ø 2.7-Ø 3.9

GREEN

BLACK

0°

5-1877848-1

Ø 4.0-Ø 5.2

GREEN

BLACK

0°

5-1877848-0

Ø 5.3-Ø 6.5

GREEN

BLACK

0°

4-1877848-9

Ø 2.7-Ø 3.9

YELLOW

GRAY

80°

4-1877848-8

Ø 4.0-Ø 5.2

YELLOW

GRAY

80°

4-1877848-7

Ø 5.3-Ø 6.5

YELLOW

GRAY

80°

4-1877848-6

Ø 2.7-Ø 3.9

YELLOW

GRAY

0°

4-1877848-5

Ø 4.0-Ø 5.2

YELLOW

GRAY

0°

4-1877848-4

Ø 5.3-Ø 6.5

YELLOW

GRAY

0°

4-1877848-3

Ø 2.7-Ø 3.9

YELLOW

BLACK

80°

4-1877848-2

Ø 4.0-Ø 5.2

YELLOW

BLACK

80°

4-1877848-1

Ø 5.3-Ø 6.5

YELLOW

BLACK

80°

4-1877848-0

Ø 2.7-Ø 3.9

YELLOW

BLACK

0°

3-1877848-9

Ø 4.0-Ø 5.2

YELLOW

BLACK

0°

3-1877848-8

Ø 5.3-Ø 6.5

YELLOW

BLACK

0°

3-1877848-7

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°

3-1877848-6

Ø 4.0-Ø 5.2

WHITE

GRAY

80°

3-1877848-5

Ø 5.3-Ø 6.5

WHITE

GRAY

80°

3-1877848-4

Ø 2.7-Ø 3.9

WHITE

GRAY

0°

3-1877848-3

Ø 4.0-Ø 5.2

WHITE

GRAY

0°

3-1877848-2

Ø 5.3-Ø 6.5

WHITE

GRAY

0°

3-1877848-1

Ø 2.7-Ø 3.9

WHITE

BLACK

80°

3-1877848-0

Ø 4.0-Ø 5.2

WHITE

BLACK

80°

2-1877848-9

Ø 5.3-Ø 6.5

WHITE

BLACK

80°

2-1877848-8

Ø 2.7-Ø 3.9

WHITE

BLACK

0°

2-1877848-7

Ø 4.0-Ø 5.2

WHITE

BLACK

0°

2-1877848-6

Ø 5.3-Ø 6.5

WHITE

BLACK

0°

2-1877848-5

Ø 2.7-Ø 3.9

RED

GRAY

80°

2-1877848-4

Ø 4.0-Ø 5.2

RED

GRAY

80°

2-1877848-3

Ø 5.3-Ø 6.5

RED

GRAY

80°

2-1877848-2

Ø 2.7-Ø 3.9

RED

GRAY

0°

2-1877848-1

Ø 4.0-Ø 5.2

RED

GRAY

0°

2-1877848-0

Ø 5.3-Ø 6.5

RED

GRAY

0°

1-1877848-9

Ø 2.7-Ø 3.9

RED

BLACK

80°

1-1877848-8

Ø 4.0-Ø 5.2

RED

BLACK

80°

1-1877848-7

Ø 5.3-Ø 6.5

RED

BLACK

80°

1-1877848-6

Ø 2.7-Ø 3.9

RED

BLACK

0°

1-1877848-5

Ø 4.0-Ø 5.2

RED

BLACK

0°

1-1877848-4

Ø 5.3-Ø 6.5

RED

BLACK

0°

1-1877848-3

Ø 2.7-Ø 3.9

GRAY

GRAY

80°

1-1877848-2

Ø 4.0-Ø 5.2

GRAY

GRAY

80°

1-1877848-1

Ø 5.3-Ø 6.5

GRAY

GRAY

80°

1-1877848-0

Ø 2.7-Ø 3.9

GRAY

GRAY

0°

1877848-9

Ø 4.0-Ø 5.2

GRAY

GRAY

0°

1877848-8

Ø 5.3-Ø 6.5

GRAY

GRAY

0°

1877848-7

Ø 2.7-Ø 3.9

BLACK

BLACK

80°

1877848-6

Ø 4.0-Ø 5.2

BLACK

BLACK

80°

1877848-5

Ø 5.3-Ø 6.5

BLACK

BLACK

80°

1877848-4

Ø 2.7-Ø 3.9

BLACK

BLACK

0°

1877848-3

Ø 4.0-Ø 5.2

BLACK

BLACK

0°

1877848-2

Ø 5.3-Ø 6.5

BLACK

BLACK

0°

1877848-1

CABLE RANGE

COLLET NUT  
COLOR

LATCH HOUSING  
COLOR

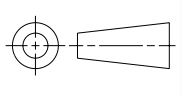
KEYING

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  
-

09MAR2006  
09MAR2006

PRODUCT SPEC  
108-2249  
APPLICATION SPEC  
114-13184  
WEIGHT  
-

CUSTOMER DRAWING

TE Connectivity

NAME  
10 POSITION, CABLE COLLET  
STRAIGHT PLUG ASSEMBLY  
0 AND 80 DEGREE KEYING

SIZE  
A2

CAGE CODE  
00779

DRAWING NO  
1877848

RESTRICTED TO  
-

SCALE  
4:1

SHEET  
2

OF  
3

REV  
B3

1471-9 (3/11)

