

|                              |                          |                      |
|------------------------------|--------------------------|----------------------|
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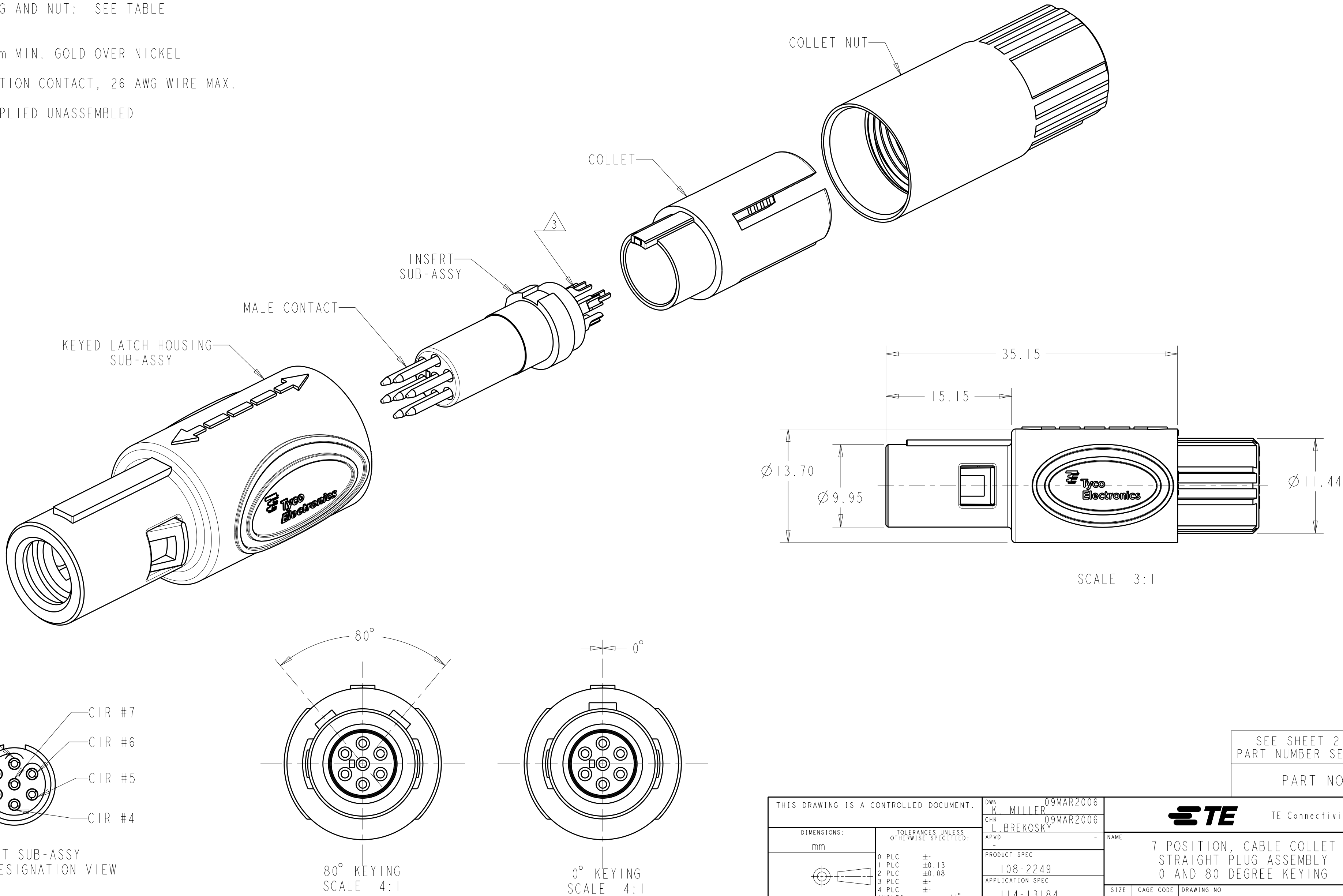
| LOC | DIST | REVISIONS |     |                           |           |     |      |
|-----|------|-----------|-----|---------------------------|-----------|-----|------|
| AD  | 00   | P         | LTR | DESCRIPTION               | DATE      | DWN | APVD |
|     |      |           | B3  | REVISED PER 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 | 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 |  |  |
|                                        |  |                                                     |                        | SCALE 4:1        |  |  |
|                                        |  |                                                     |                        | SHEET 1 OF 3     |  |  |
|                                        |  |                                                     |                        | REV 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 09MAR2006<br>K. MILLER<br>CHK 09MAR2006<br>L. BREKOSKY |  |  TE Connectivity |  |
| DIMENSIONS:<br>mm                                                                     |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:                  |  | NAME<br>7 POSITION, CABLE COLLET<br>STRAIGHT PLUG ASSEMBLY<br>0 AND 80 DEGREE KEYING                  |  |
|  |  | APVD -<br>PRODUCT SPEC<br>108-2249                         |  |                                                                                                       |  |
| 0 PLC ±.<br>1 PLC ±0.13<br>2 PLC ±0.08<br>3 PLC ±.<br>4 PLC ±.<br>ANGLES ±°           |  | APPLICATION SPEC<br>114-13184                              |  |                                                                                                       |  |
| MATERIAL<br>FINISH                                                                    |  | WEIGHT<br>-                                                |  |                                                                                                       |  |
| -                                                                                     |  | -                                                          |  | SIZE<br>A2                                                                                            |  |
|                                                                                       |  | CAGE CODE<br>00779                                         |  | DRAWING NO<br>C-1877847                                                                               |  |
|                                                                                       |  | RESTRICTED TO<br>-                                         |  |                                                                                                       |  |
|                                                                                       |  | CUSTOMER DRAWING                                           |  | SCALE<br>4:1                                                                                          |  |
|                                                                                       |  |                                                            |  | SHEET<br>2 of 3                                                                                       |  |
|                                                                                       |  |                                                            |  | REV<br>B3                                                                                             |  |

4

3

2

1

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LOC

DIST

AD00

REVISIONS

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

|                         |                     |                        |        |             |
|-------------------------|---------------------|------------------------|--------|-------------|
| Ø 2.7-Ø 3.9             | BLACK               | GRAY                   | 80°    | 8-1877847-4 |
| Ø 4.0-Ø 5.2             | BLACK               | GRAY                   | 80°    | 8-1877847-3 |
| Ø 5.3-Ø 6.5             | BLACK               | GRAY                   | 80°    | 8-1877847-2 |
| Ø 2.7-Ø 3.9             | BLACK               | GRAY                   | 0°     | 8-1877847-1 |
| Ø 4.0-Ø 5.2             | BLACK               | GRAY                   | 0°     | 8-1877847-0 |
| Ø 5.3-Ø 6.5             | BLACK               | GRAY                   | 0°     | 7-1877847-9 |
| Ø 2.7-Ø 3.9             | GRAY                | BLACK                  | 80°    | 7-1877847-8 |
| Ø 4.0-Ø 5.2             | GRAY                | BLACK                  | 80°    | 7-1877847-7 |
| Ø 5.3-Ø 6.5             | GRAY                | BLACK                  | 80°    | 7-1877847-6 |
| Ø 2.7-Ø 3.9             | GRAY                | BLACK                  | 0°     | 7-1877847-5 |
| Ø 4.0-Ø 5.2             | GRAY                | BLACK                  | 0°     | 7-1877847-4 |
| Ø 5.3-Ø 6.5             | GRAY                | BLACK                  | 0°     | 7-1877847-3 |
| CABLE RANGE             | COLLET NUT<br>COLOR | LATCH HOUSING<br>COLOR | KEYING | PART NO.    |
| PART NUMBERS 73 THRU 84 |                     |                        |        |             |

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

DWN

CHK

APVD

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

09MAR2006

09MAR2006

-

108-2249

114-13184

-

NAME

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

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

A2

00779

©1877847

-

SCALE

SHEET

OF

REV

4:1

3

3

B3

STE

TE Connectivity

1471-9 (3/11)



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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**Факс:** 8 (812) 320-02-42

**Электронная почта:** [org@eplast1.ru](mailto:org@eplast1.ru)

**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.