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



SCALE 3:1



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

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

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

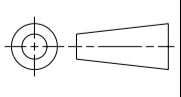
|                        |                  |                     |        |             |
|------------------------|------------------|---------------------|--------|-------------|
| ∅ 2.7-∅ 3.9            | WHITE            | GRAY                | 80°    | 3-1877846-6 |
| ∅ 4.0-∅ 5.2            | WHITE            | GRAY                | 80°    | 3-1877846-5 |
| ∅ 5.3-∅ 6.5            | WHITE            | GRAY                | 80°    | 3-1877846-4 |
| ∅ 2.7-∅ 3.9            | WHITE            | GRAY                | 0°     | 3-1877846-3 |
| ∅ 4.0-∅ 5.2            | WHITE            | GRAY                | 0°     | 3-1877846-2 |
| ∅ 5.3-∅ 6.5            | WHITE            | GRAY                | 0°     | 3-1877846-1 |
| ∅ 2.7-∅ 3.9            | WHITE            | BLACK               | 80°    | 3-1877846-0 |
| ∅ 4.0-∅ 5.2            | WHITE            | BLACK               | 80°    | 2-1877846-9 |
| ∅ 5.3-∅ 6.5            | WHITE            | BLACK               | 80°    | 2-1877846-8 |
| ∅ 2.7-∅ 3.9            | WHITE            | BLACK               | 0°     | 2-1877846-7 |
| ∅ 4.0-∅ 5.2            | WHITE            | BLACK               | 0°     | 2-1877846-6 |
| ∅ 5.3-∅ 6.5            | WHITE            | BLACK               | 0°     | 2-1877846-5 |
| ∅ 2.7-∅ 3.9            | RED              | GRAY                | 80°    | 2-1877846-4 |
| ∅ 4.0-∅ 5.2            | RED              | GRAY                | 80°    | 2-1877846-3 |
| ∅ 5.3-∅ 6.5            | RED              | GRAY                | 80°    | 2-1877846-2 |
| ∅ 2.7-∅ 3.9            | RED              | GRAY                | 0°     | 2-1877846-1 |
| ∅ 4.0-∅ 5.2            | RED              | GRAY                | 0°     | 2-1877846-0 |
| ∅ 5.3-∅ 6.5            | RED              | GRAY                | 0°     | 1-1877846-9 |
| ∅ 2.7-∅ 3.9            | RED              | BLACK               | 80°    | 1-1877846-8 |
| ∅ 4.0-∅ 5.2            | RED              | BLACK               | 80°    | 1-1877846-7 |
| ∅ 5.3-∅ 6.5            | RED              | BLACK               | 80°    | 1-1877846-6 |
| ∅ 2.7-∅ 3.9            | RED              | BLACK               | 0°     | 1-1877846-5 |
| ∅ 4.0-∅ 5.2            | RED              | BLACK               | 0°     | 1-1877846-4 |
| ∅ 5.3-∅ 6.5            | RED              | BLACK               | 0°     | 1-1877846-3 |
| ∅ 2.7-∅ 3.9            | GRAY             | GRAY                | 80°    | 1-1877846-2 |
| ∅ 4.0-∅ 5.2            | GRAY             | GRAY                | 80°    | 1-1877846-1 |
| ∅ 5.3-∅ 6.5            | GRAY             | GRAY                | 80°    | 1-1877846-0 |
| ∅ 2.7-∅ 3.9            | GRAY             | GRAY                | 0°     | 1877846-9   |
| ∅ 4.0-∅ 5.2            | GRAY             | GRAY                | 0°     | 1877846-8   |
| ∅ 5.3-∅ 6.5            | GRAY             | GRAY                | 0°     | 1877846-7   |
| ∅ 2.7-∅ 3.9            | BLACK            | BLACK               | 80°    | 1877846-6   |
| ∅ 4.0-∅ 5.2            | BLACK            | BLACK               | 80°    | 1877846-5   |
| ∅ 5.3-∅ 6.5            | BLACK            | BLACK               | 80°    | 1877846-4   |
| ∅ 2.7-∅ 3.9            | BLACK            | BLACK               | 0°     | 1877846-3   |
| ∅ 4.0-∅ 5.2            | BLACK            | BLACK               | 0°     | 1877846-2   |
| ∅ 5.3-∅ 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.  |  | DWN<br>K. MILLER<br>09MAR2006   | <b>STE</b> TE Connectivity |  |
|   |  | CHK<br>L. BREKOSKY<br>09MAR2006   |                            |  |
| DIMENSIONS:<br>mm   |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 PLC ±<br>1 PLC ±0.13<br>2 PLC ±0.08<br>3 PLC ±<br>4 PLC ±<br>ANGLES ±1°<br>FINISH |                            | APVD<br>-  |
|  |  | PRODUCT SPEC<br>108-2249  |                            | NAME<br>6 POSITION CABLE COLLET<br>0 DEGREE AND 80 DEGREE KEYING<br>STRAIGHT PLUG ASSEMBLY |
|   |  | APPLICATION SPEC<br>114-13184   |                            | SIZE<br>A2   |
| MATERIAL  |  | WEIGHT  |                            | CAGE CODE<br>00779   |
| CUSTOMER DRAWING  |  | DRAWING NO.<br>1877846  |                            | RESTRICTED TO<br>-   |
|   |  | SCALE 4:1   |                            | SHEET 2 OF 3 REV B3  |

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|-----|------|-----------|-----|-------------|------|-----|------|
|     |      | P         | LTR | DESCRIPTION | DATE | DWN | APVD |
| AD  | 00   | -         |     | 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 COLOR | LATCH HOUSING COLOR | KEYING | PART NO.    |
| <b>PART NUMBERS 73 THRU 84</b> |                |                     |        |             |

|   |   |                                 |  |                       |
|---|---|---------------------------------|--|-----------------------|
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|   |   | CHK<br>L. BREKOSKY<br>09MAR2006 |  |                       |
| DIMENSIONS:<br>mm   | TOLERANCES UNLESS OTHERWISE SPECIFIED:                      | APVD<br>-                       | 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  | FINISH  | APPLICATION SPEC<br>114-13184   | CAGE CODE<br>00779   | DRAWING NO<br>1877846 |
|   |   | WEIGHT<br>-                     | RESTRICTED TO<br>-   |                       |
|   |   | CUSTOMER DRAWING                | SCALE<br>4:1   | SHEET<br>3 OF 3       |
|   |   |                                 |  | REV<br>B3             |



**Стандарт  
Электрон  
Связь**

Мы молодая и активно развивающаяся компания в области поставок электронных компонентов. Мы поставляем электронные компоненты отечественного и импортного производства напрямую от производителей и с крупнейших складов мира.

Благодаря сотрудничеству с мировыми поставщиками мы осуществляем комплексные и плановые поставки широчайшего спектра электронных компонентов.

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С нами вы становитесь еще успешнее!

**Наши контакты:**

**Телефон:** +7 812 627 14 35

**Электронная почта:** [sales@st-electron.ru](mailto:sales@st-electron.ru)

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