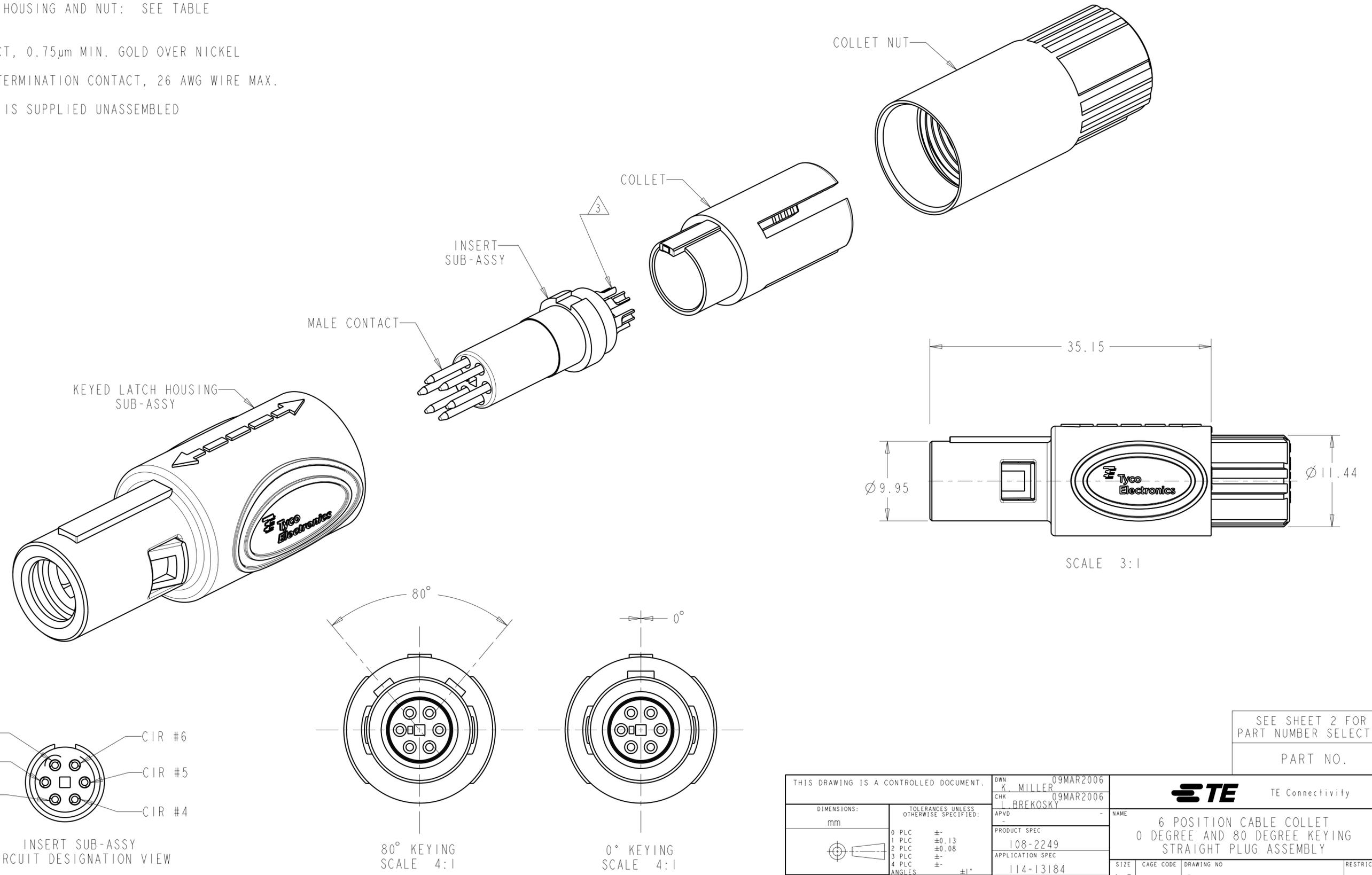


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| LOC | DIST | REVISIONS | | | |
|-----|------|-------------|---------------------------|-----------|--------|
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
| AD | 00 | B3 | REVISED PER ECO-11-005027 | 12MAR2011 | RK HMR |

- 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



SEE SHEET 2 FOR
 PART NUMBER SELECTION
 PART NO.

| | | | | | | | | | | | | | | | | | | |
|--|-------|--|--------------------------|--|-------|-------|-------|-------|---|-------|---|--------|-----|--------|--|--------------------------|-----------|------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN K. MILLER 09MAR2006 | TE Connectivity | | | | | | | | | | | | | | | |
| | | CHK L. BREKOSKY 09MAR2006 | | | | | | | | | | | | | | | | |
| DIMENSIONS: mm | | TOLERANCES UNLESS OTHERWISE SPECIFIED: | | NAME 6 POSITION CABLE COLLET 0 DEGREE AND 80 DEGREE KEYING STRAIGHT PLUG ASSEMBLY | | | | | | | | | | | | | | |
| <table border="1"> <tr><td>0 PLC</td><td>±</td></tr> <tr><td>1 PLC</td><td>±0.13</td></tr> <tr><td>2 PLC</td><td>±0.08</td></tr> <tr><td>3 PLC</td><td>±</td></tr> <tr><td>4 PLC</td><td>±</td></tr> <tr><td>ANGLES</td><td>±1°</td></tr> <tr><td>FINISH</td><td></td></tr> </table> | | 0 PLC | ± | 1 PLC | ±0.13 | 2 PLC | ±0.08 | 3 PLC | ± | 4 PLC | ± | ANGLES | ±1° | FINISH | | PRODUCT SPEC 108-2249 | APVD - | SIZE A2 |
| 0 PLC | ± | | | | | | | | | | | | | | | | | |
| 1 PLC | ±0.13 | | | | | | | | | | | | | | | | | |
| 2 PLC | ±0.08 | | | | | | | | | | | | | | | | | |
| 3 PLC | ± | | | | | | | | | | | | | | | | | |
| 4 PLC | ± | | | | | | | | | | | | | | | | | |
| ANGLES | ±1° | | | | | | | | | | | | | | | | | |
| FINISH | | | | | | | | | | | | | | | | | | |
| MATERIAL 1 | | APPLICATION SPEC 114-13184 | RESTRICTED TO - | CAGE CODE 00779 | | | | | | | | | | | | | | |
| | | WEIGHT - | DRAWING NO. C-1877846 | SCALE 4:1 | | | | | | | | | | | | | | |
| | | CUSTOMER DRAWING | | SHEET 1 OF 3 | | | | | | | | | | | | | | |
| | | | | REV B3 | | | | | | | | | | | | | | |

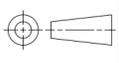
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LOC AD DIST 00

| REVISIONS | | | | |
|-----------|-----|-------------|------|------|
| P | LTR | DESCRIPTION | DATE | 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 | | | | |

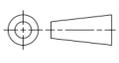
| | | | | |
|------------------------|------------------|---------------------|--------|-------------|
| ∅ 2.7-∅ 3.9 | WHITE | GRAY | 80° | 3-1877846-6 |
| ∅ 4.0-∅ 5.2 | WHITE | GRAY | 80° | 3-1877846-5 |
| ∅ 5.3-∅ 6.5 | WHITE | GRAY | 80° | 3-1877846-4 |
| ∅ 2.7-∅ 3.9 | WHITE | GRAY | 0° | 3-1877846-3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

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| LOC | DIST | REVISIONS | | | | | |
|-----|------|-----------|-----|-------------|------|-----|------|
| | | 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. |
| PART NUMBERS 73 THRU 84 | | | | |

| DIMENSIONS: | | TOLERANCES UNLESS OTHERWISE SPECIFIED: | | DWN | | CHK | | APVD | | NAME | |
|---|--|--|-------|---------------------|--|-----------------------|--|-------|--|-------------------------------|--|
| mm | | 0 PLC | ± | K. MILLER 09MAR2006 | | L. BREKOSKY 09MAR2006 | | - | | 6 POSITION CABLE COLLET | |
|  | | 1 PLC | ±0.13 | PRODUCT SPEC | | 108-2249 | | - | | 0 DEGREE AND 80 DEGREE KEYING | |
| | | 2 PLC | ±0.08 | APPLICATION SPEC | | 114-13184 | | - | | STRAIGHT PLUG ASSEMBLY | |
| | | 3 PLC | ± | WEIGHT | | - | | - | | RESTRICTED TO | |
| | | 4 PLC | ± | CUSTOMER DRAWING | | - | | - | | - | |
| | | ANGLES | ±1° | SCALE | | 4:1 | | SHEET | | 3 OF 3 | |
| | | FINISH | | REV | | B3 | | | | | |



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