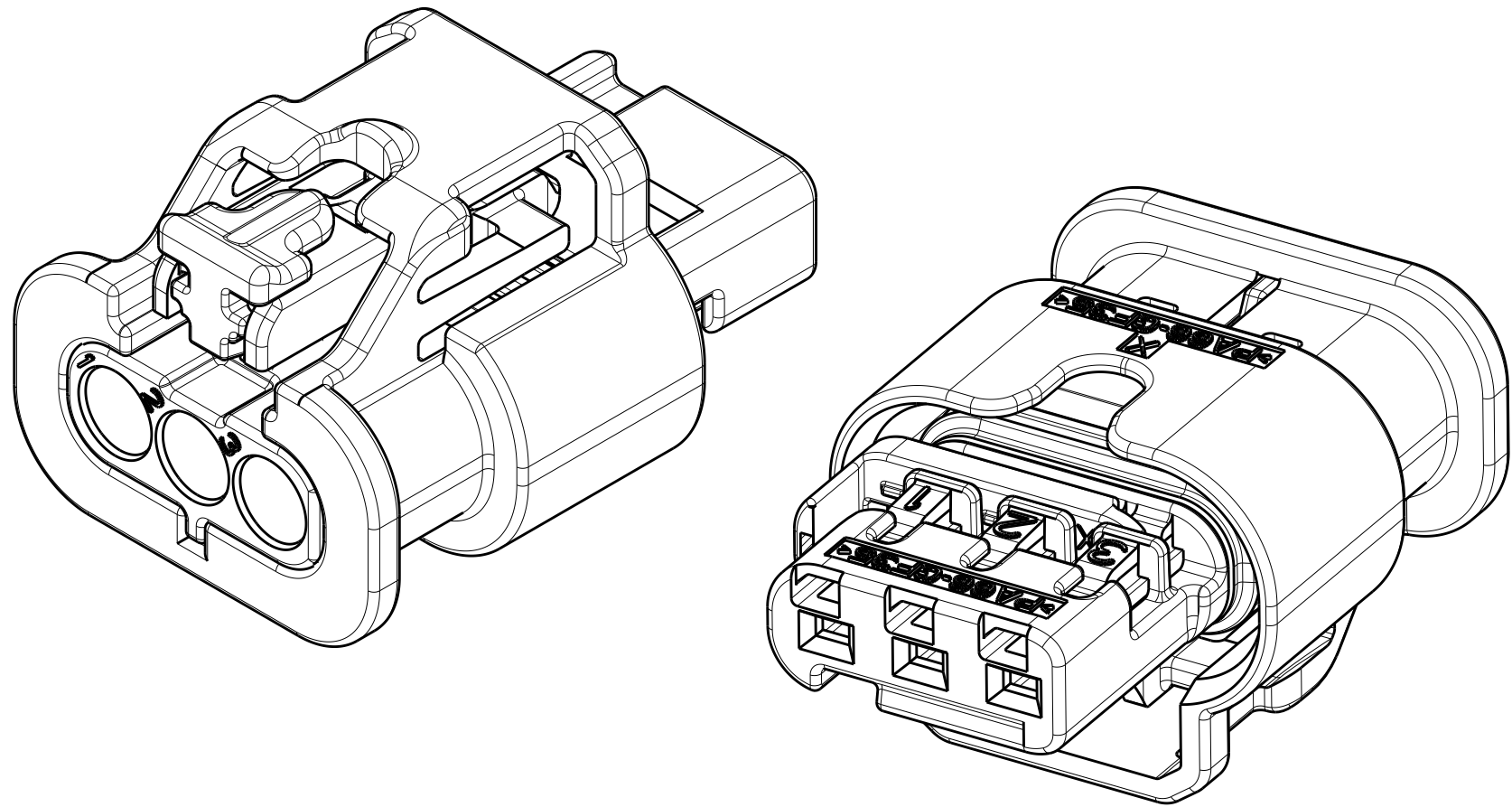
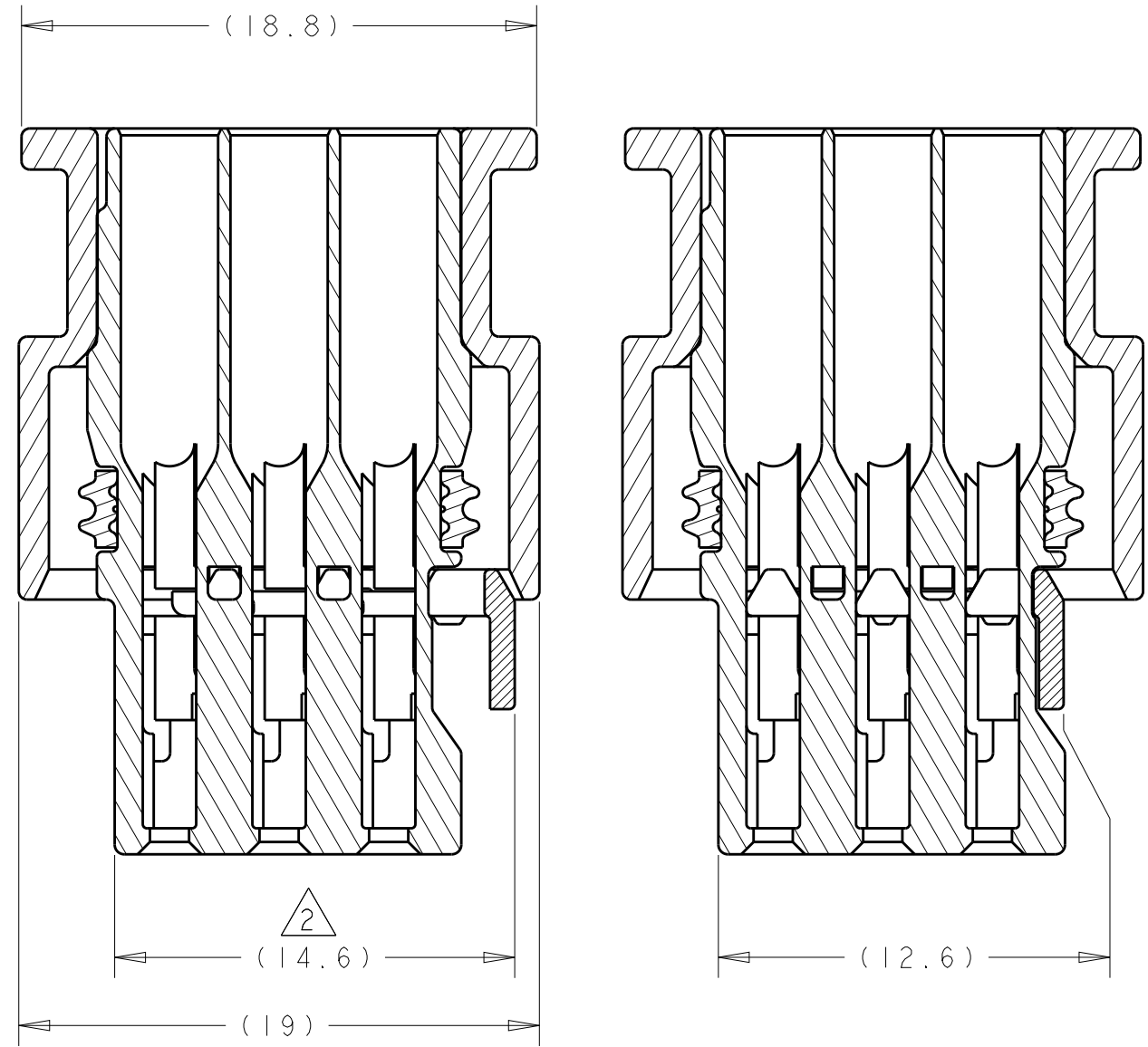


1. PART NUMBER 2098541-5 SHOWN ON DRAWING.
2. TPA AND CPA (WHEN APPLICABLE) ARE SHIPPED IN THEIR PRE-LATCHED POSITIONS. SEE INSTRUCTION SHEET 408-8928 FOR DIRECTIONS ON MOVING THE CPA AND TPA TO THEPRE-LATCHED POSITION, IF NECESSARY.
3. TERMINALS SOLD SEPARATELY. FOR USE WITH TE MCP 1.2mm CLEAN BODY CONTACT WITH WIRE SEAL. SEE AMP MCP 1.2-CB (CLEAN BODY) TABLE FOR APPLICABLE PART NUMBERS.
4. APPLICABLE HEADER INTERFACE DRAWING 114-18679-3 IS AVAILABLE UPON REQUEST. A COPY OF THIS DRAWING CAN BE OBTAINED FROMTHE TYCO ELECTRONICS PRODUCT MANAGER, VIA YOUR TYCO ELECTRONICS SALES REPRESENTATIVE OR CUSTOMER SERVICE.
5. MINIMUM FEED THROUGH CONDITION WITH 0.5mm CLEARANCE ALL AROUND.
6. A "X" IN THIS TABLE INDICATES THAT THE TERMINAL CAVITY IS BLOCKED AND WILL NOT ALLOW INSETION OF THE MATING TERMINAL. A "O" IN THIS TABLE INDICATES THAT THE TERMINAL CAVITY IS OPEN AND WILL ALLOW INSERTION OF THE MATING TERMINAL.
7. TRACEABILITY PRINTED IN THIS LOCATION AT ASSEMBLY.
8. ICD IS DEPENDENT UPON WIRE INSULATION TYPE AND OD. MUST BE SUFFICIENT TO GRIP SEAL SO IT DOES NOT SLIDE OUT OF INSULATION CRIMP WHEN INSERTING INTO CONNECTOR CAVITY BUT NOT TEAR THE SEAL.
9. REFERENCE ISOMETRIC VIEWS ON SEET 2.
10. CONNECTOR MEETS USCAR2 REV 4 WITH THE FOLLOWING EXCEPTIONS: TPA DISENGAGE FORCE 2ND REMOVAL = 8N MIN.

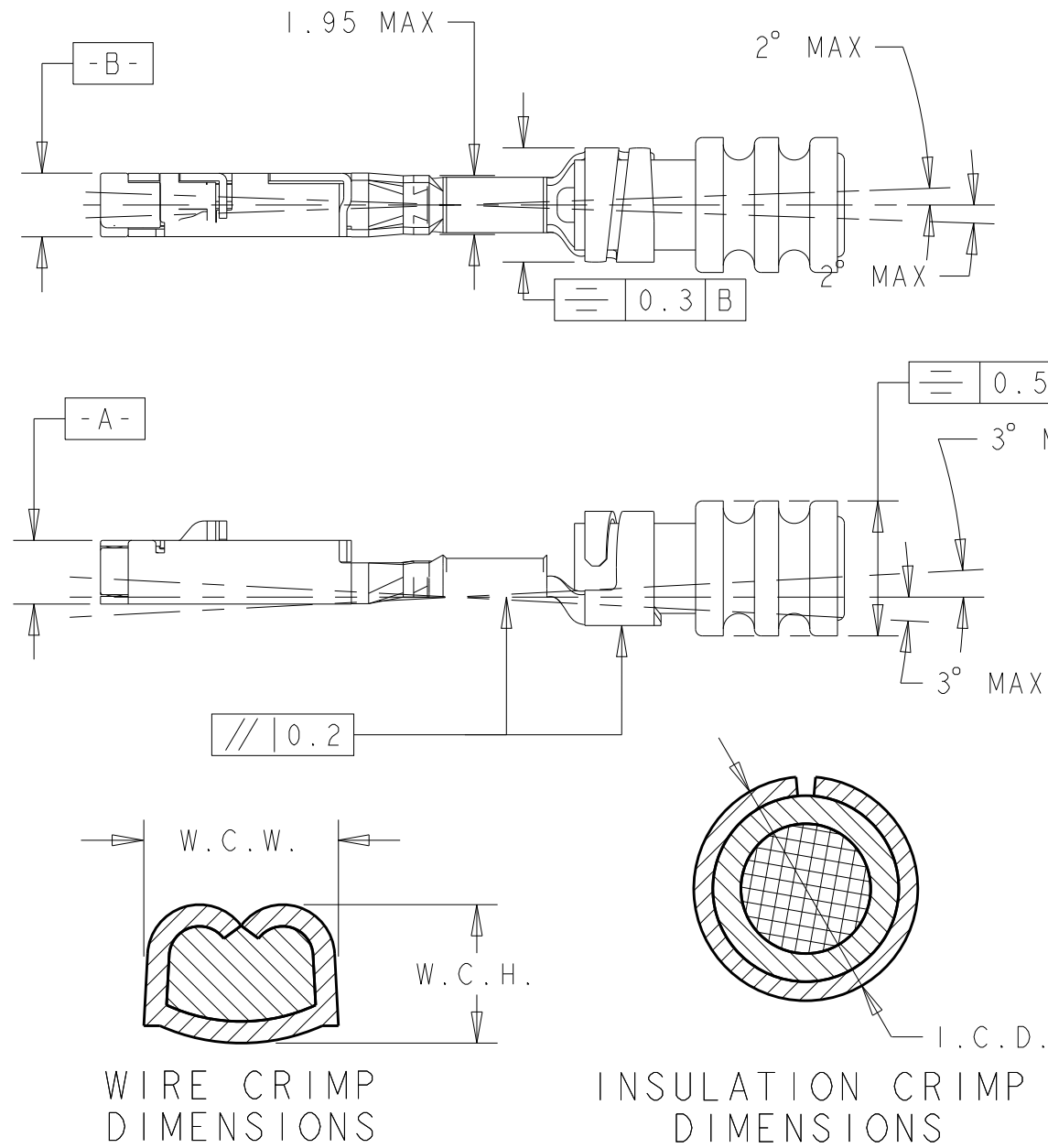


ISOMETRIC VIEWS



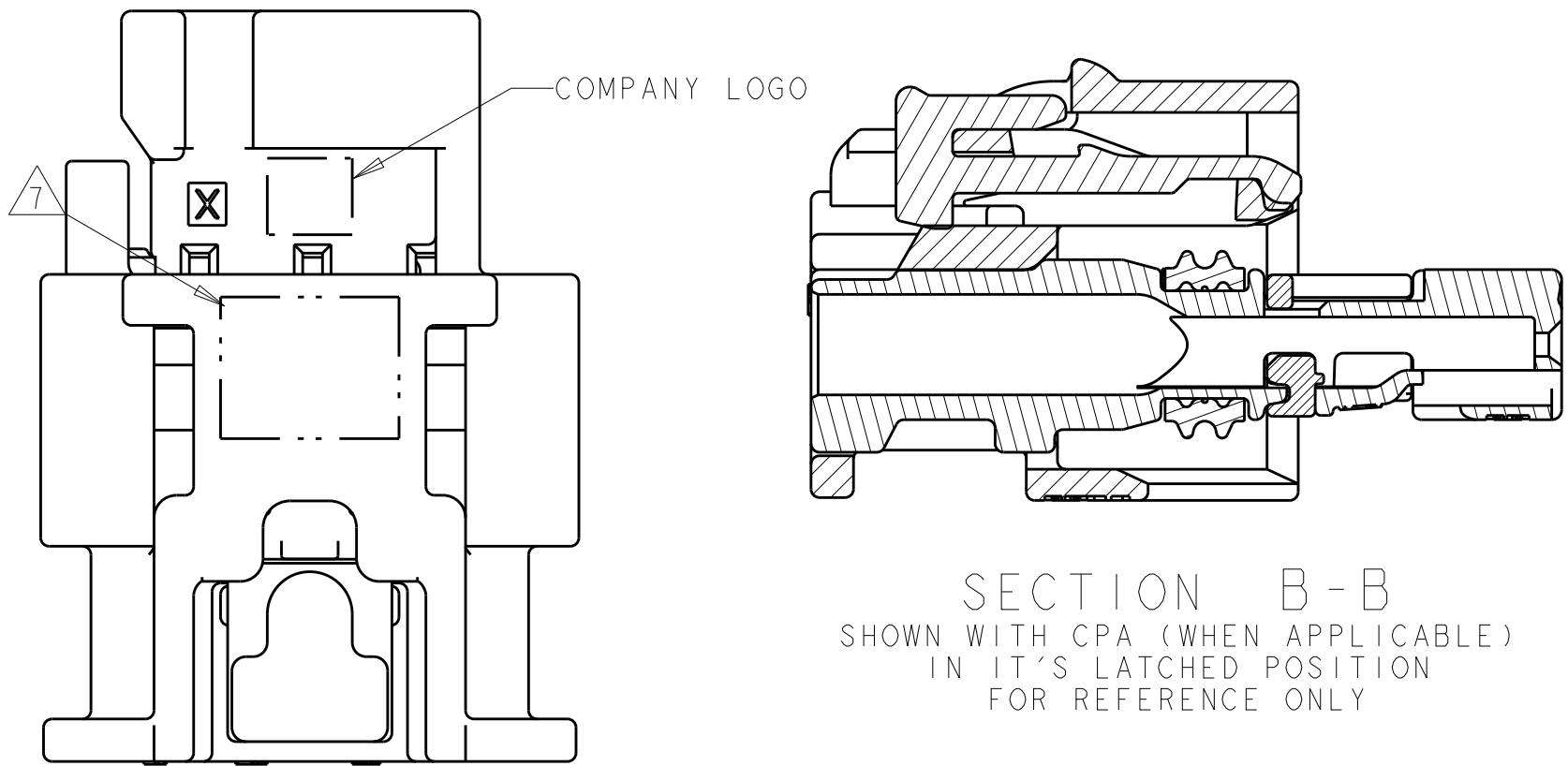
SECTION A-A

SECTION A-A  
SHOWN WITH TPA  
IN IT'S LATCHED POSITION  
FOR REFERENCE ONLY

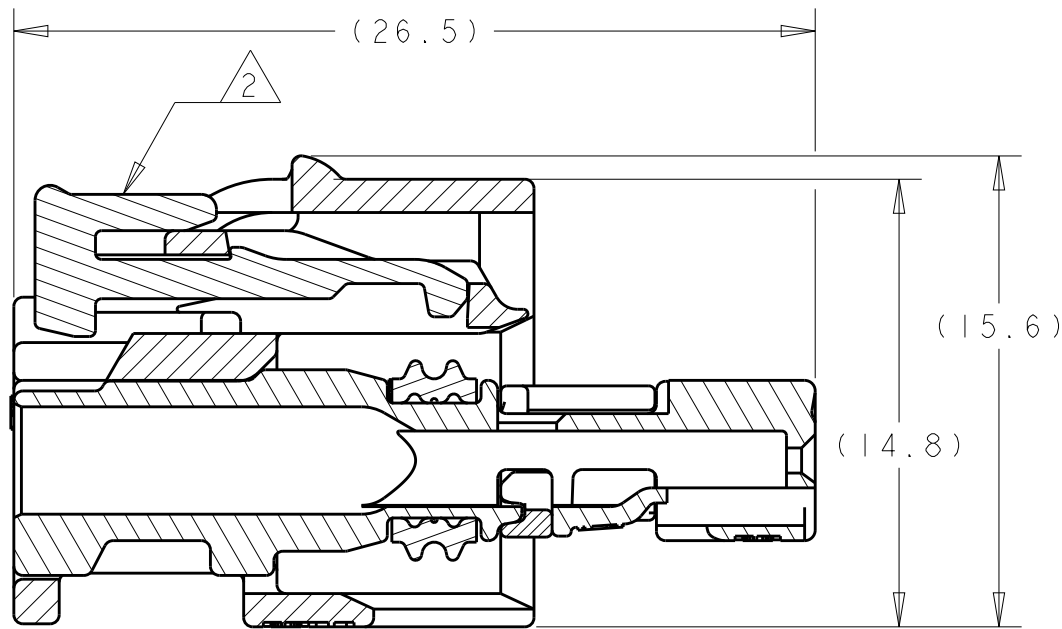


WIRE CRIMP  
DIMENSIONS

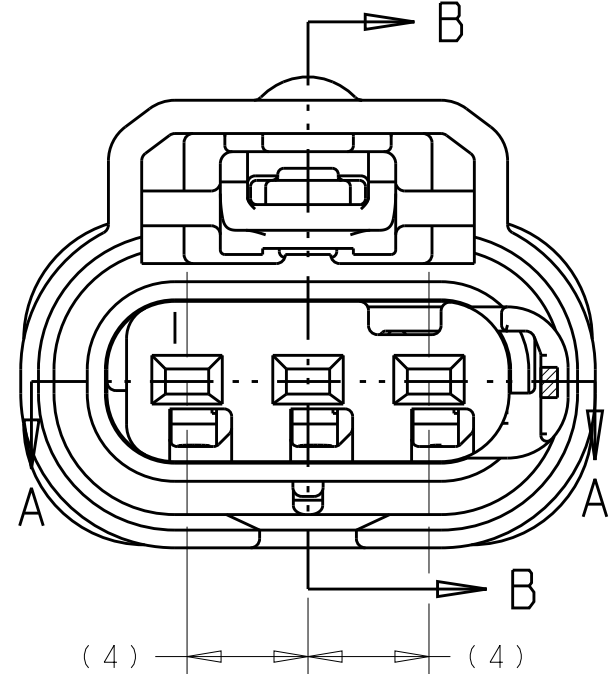
INSULATION CRIMP  
DIMENSIONS



SECTION B-B  
SHOWN WITH CPA (WHEN APPLICABLE)  
IN IT'S LATCHED POSITION  
FOR REFERENCE ONLY



SECTION B-B



| KEYING CONFIGURATIONS | TERMINAL CAVITY CONFIGURATIONS |
|-----------------------|--------------------------------|
|                       |                                |
| KEYING OPTION A       | ALL TERMINAL CAVITIES OPEN     |
|                       |                                |
| KEYING OPTION B       | TERMINAL CAVITY #3 CLOSED      |
|                       |                                |
| KEYING OPTION C       | TERMINAL CAVITY #2 CLOSED      |
|                       |                                |
| KEYING OPTION D       | TERMINAL CAVITY #1 CLOSED      |

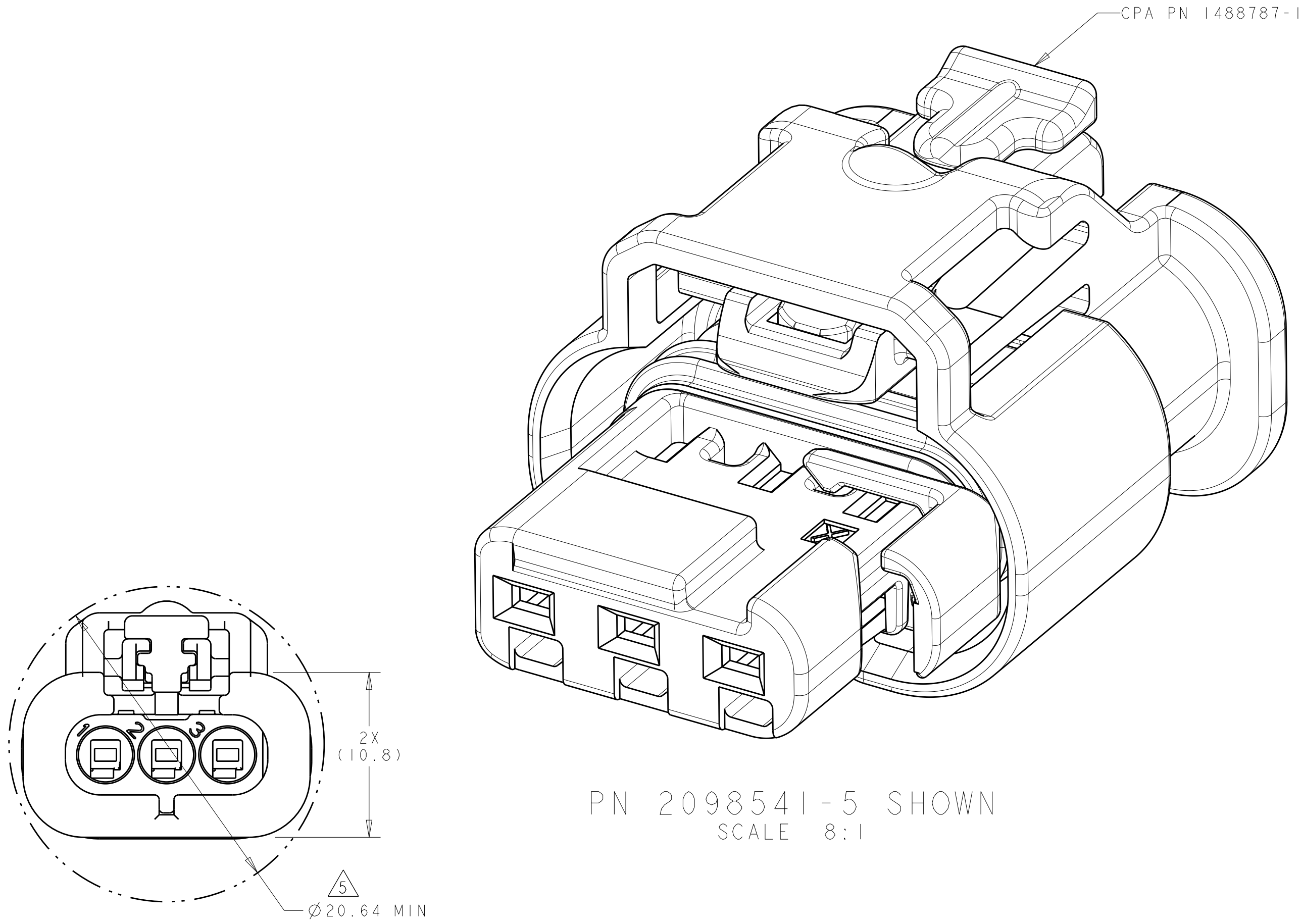
| MAX TEMP | FEMALE TERMINAL PN | TERMINAL PLATING | AWG | APPLICABLE WIRE FINISHED O.D. | W.C.H.     | W.C.W.     | I.C.D.     | WIRE SEAL PART NUMBER |
|----------|--------------------|------------------|-----|-------------------------------|------------|------------|------------|-----------------------|
| 125C     | 1670146-1          | TIN              | 20  | 1.40 - 1.90mm                 | 0.84 ±0.03 | 1.57 ±0.05 | 3.25 ±0.05 | 967067-1              |
| 125C     | 1670146-2          | GOLD             | 20  | 1.40 - 1.90mm                 | 0.84 ±0.03 | 1.57 ±0.05 | 3.25 ±0.05 | 967067-1              |
| 125C     | 1670146-3          | SILVER           | 20  | 1.40 - 1.90mm                 | 0.84 ±0.03 | 1.57 ±0.05 | 3.25 ±0.05 | 967067-1              |
| 125C     | 1418850-1          | TIN              | 18  | 1.90 - 2.40mm                 | 1.11 ±0.05 | 1.78 ±0.05 | 3.35 ±0.05 | 964972-1              |
| 125C     | 1418850-1          | TIN              | 16  | 1.90 - 2.40mm                 | 1.31 ±0.05 | 1.78 ±0.05 | 3.35 ±0.05 | 964972-1              |
| 125C     | 1418850-2          | GOLD             | 18  | 1.90 - 2.40mm                 | 1.11 ±0.05 | 1.78 ±0.05 | 3.35 ±0.05 | 964972-1              |
| 125C     | 1418850-2          | GOLD             | 16  | 1.90 - 2.40mm                 | 1.31 ±0.05 | 1.78 ±0.05 | 3.35 ±0.05 | 964972-1              |
| 125C     | 1418850-3          | SILVER           | 18  | 1.90 - 2.40mm                 | 1.11 ±0.05 | 1.78 ±0.05 | 3.35 ±0.05 | 964972-1              |
| 125C     | 1418850-3          | SILVER           | 16  | 1.90 - 2.40mm                 | 1.31 ±0.05 | 1.78 ±0.05 | 3.35 ±0.05 | 964972-1              |
| 150C     | 1670146-2          | GOLD             | 20  | 1.40 - 1.90mm                 | 0.84 ±0.03 | 1.57 ±0.05 |            | 2098582-1             |
| 150C     | 1670146-3          | SILVER           | 20  | 1.40 - 1.90mm                 | 0.84 ±0.03 | 1.57 ±0.05 |            | 2098582-1             |
| 150C     | 1418850-2          | GOLD             | 18  | 1.40 - 1.90mm                 | 1.11 ±0.05 | 1.78 ±0.05 |            | 2098582-1             |
| 150C     | 1418850-2          | GOLD             | 16  | 1.40 - 1.90mm                 | 1.31 ±0.05 | 1.78 ±0.05 |            | 2098582-1             |
| 150C     | 1418850-3          | SILVER           | 18  | 1.40 - 1.90mm                 | 1.11 ±0.05 | 1.78 ±0.05 |            | 2098582-1             |
| 150C     | 1418850-3          | SILVER           | 16  | 1.40 - 1.90mm                 | 1.31 ±0.05 | 1.78 ±0.05 |            | 2098582-1             |

|             |           |       |               |     |                               |          |             |             |
|-------------|-----------|-------|---------------|-----|-------------------------------|----------|-------------|-------------|
| RELEASED    | 2138907-1 | BROWN | D             |     | O                             | O        | O           | 4-2098541-4 |
| RELEASED    | 2138907-1 | BROWN | C             |     | O                             | O        | O           | 4-2098541-3 |
| RELEASED    | 2138907-1 | BROWN | B             |     | O                             | O        | O           | 4-2098541-2 |
| RELEASED    | 2138907-1 | BROWN | A             |     | O                             | O        | O           | 4-2098541-1 |
| PRELIMINARY | 1488787-1 | BROWN | D             | X   | O                             | O        | 3-2098541-2 |             |
|             | 1488787-1 | BROWN | C             |     |                               |          | 3-2098541-1 |             |
|             | 1488787-1 | BROWN | B             |     |                               |          | 3-2098541-0 |             |
|             | 1488787-1 | BROWN | A             |     |                               |          | 2-2098541-9 |             |
| PRELIMINARY | N/A       | BROWN | D             | X   | O                             | O        | 2-2098541-8 |             |
| PRELIMINARY | N/A       | BROWN | C             |     |                               |          | 2-2098541-7 |             |
| PRELIMINARY | N/A       | BROWN | B             |     |                               |          | 2-2098541-6 |             |
| PRELIMINARY | N/A       | BROWN | A             |     |                               |          | 2-2098541-5 |             |
| PRELIMINARY | 1488787-1 | BROWN | D             | O   | X                             | O        | 2-2098541-4 |             |
|             | 1488787-1 | BROWN | C             |     |                               |          | 2-2098541-3 |             |
|             | 1488787-1 | BROWN | B             |     |                               |          | 2-2098541-2 |             |
|             | 1488787-1 | BROWN | A             |     |                               |          | 2-2098541-1 |             |
| PRELIMINARY | N/A       | BROWN | D             | O   | X                             | O        | 2-2098541-0 |             |
|             | N/A       | BROWN | C             |     |                               |          | 1-2098541-9 |             |
|             | N/A       | BROWN | B             |     |                               |          | 1-2098541-8 |             |
|             | N/A       | BROWN | A             |     |                               |          | 1-2098541-7 |             |
| PRELIMINARY | 1488787-1 | BROWN | D             | O   | O                             | X        | 1-2098541-6 |             |
|             | 1488787-1 | BROWN | C             |     |                               |          | 1-2098541-5 |             |
|             | 1488787-1 | BROWN | B             |     |                               |          | 1-2098541-4 |             |
|             | 1488787-1 | BROWN | A             |     |                               |          | 1-2098541-3 |             |
| PRELIMINARY | N/A       | BROWN | D             | O   | O                             | X        | 1-2098541-2 |             |
|             | N/A       | BROWN | C             |     |                               |          | 1-2098541-1 |             |
|             | N/A       | BROWN | B             |     |                               |          | 1-2098541-0 |             |
|             | N/A       | BROWN | A             |     |                               |          | 2098541-9   |             |
| RELEASED    | 1488787-1 | BROWN | D             |     |                               |          | 2098541-8   |             |
| RELEASED    | 1488787-1 | BROWN | C             | O   | O                             | O        | 2098541-7   |             |
| RELEASED    | 1488787-1 | BROWN | B             |     |                               |          | 2098541-6   |             |
| RELEASED    | 1488787-1 | BROWN | A             |     |                               |          | 2098541-5   |             |
| RELEASED    | N/A       | BROWN | D             |     |                               |          | 2098541-4   |             |
| RELEASED    | N/A       | BROWN | C             | O   | O                             | O        | 2098541-3   |             |
| RELEASED    | N/A       | BROWN | B             |     |                               |          | 2098541-2   |             |
| RELEASED    | N/A       | BROWN | A             |     |                               |          | 2098541-1   |             |
| STATUS      | CPA       | 9     | COLOR         | KEY | CAVITY 1                      | CAVITY 2 | CAVITY 3    | PART NUMBER |
|             |           |       | INNER HOUSING |     | TERMINAL CAVITY CONFIGURATION |          |             |             |

|                                        |  |                                                                               |  |                                                                     |  |                                                                                            |  |                                                                                                       |  |            |  |               |  |
|----------------------------------------|--|-------------------------------------------------------------------------------|--|---------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------|--|------------|--|---------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  |                                                                               |  | OWN<br>CD - DRUMMOND<br>CHK<br>S. MANKARYOS<br>APVD<br>S. MANKARYOS |  | 08OCT2009<br>08OCT2009<br>08OCT2009                                                        |  |  TE Connectivity |  |            |  |               |  |
| DIMENSIONS:                            |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:                                        |  | PRODUCT SPEC                                                        |  | NAME                                                                                       |  |                                                                                                       |  |            |  |               |  |
| mm                                     |  | 0 PLC ±.3<br>1 PLC ±0.10<br>2 PLC ±.1<br>3 PLC ±.1<br>4 PLC ±.1<br>ANGLES ±.1 |  | APPLICATION SPEC                                                    |  | CONNECTOR ASSEMBLY,<br>FEMALE, 3 POSITION SEALED, 1.2mm<br>STANDARD LATCH VERSION, CLASS 4 |  |                                                                                                       |  |            |  |               |  |
| MATERIAL                               |  | FINISH                                                                        |  | IS 408-8928                                                         |  | SIZE                                                                                       |  | CAGE CODE                                                                                             |  | DRAWING NO |  | RESTRICTED TO |  |
| SEE TABLE                              |  |                                                                               |  | 3.0 GRAMS                                                           |  | A100779                                                                                    |  | C-2098541                                                                                             |  |            |  | -             |  |
| CUSTOMER DRAWING                       |  |                                                                               |  | SCALE                                                               |  | 4:1                                                                                        |  | SHEET                                                                                                 |  | 1 OF 2     |  | REV A4        |  |

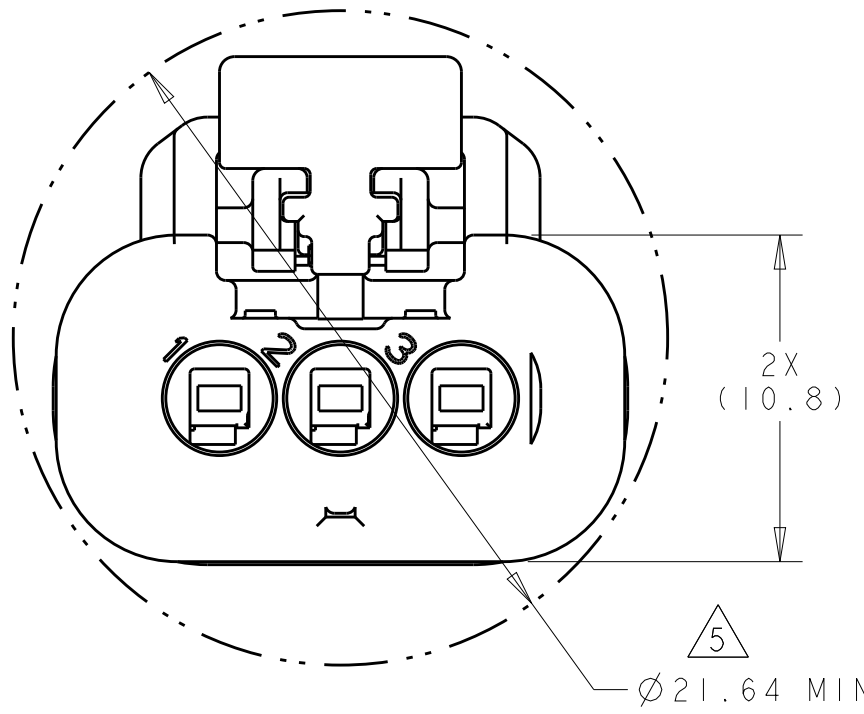
| REVISIONS |     |             |      |     |      |
|-----------|-----|-------------|------|-----|------|
| P         | LTR | DESCRIPTION | DATE | DWN | APVD |
| -         | -   | SEE SHEET 1 | -    | -   | -    |
|           |     |             |      |     |      |
|           |     |           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

ISOMETRIC VIEWS

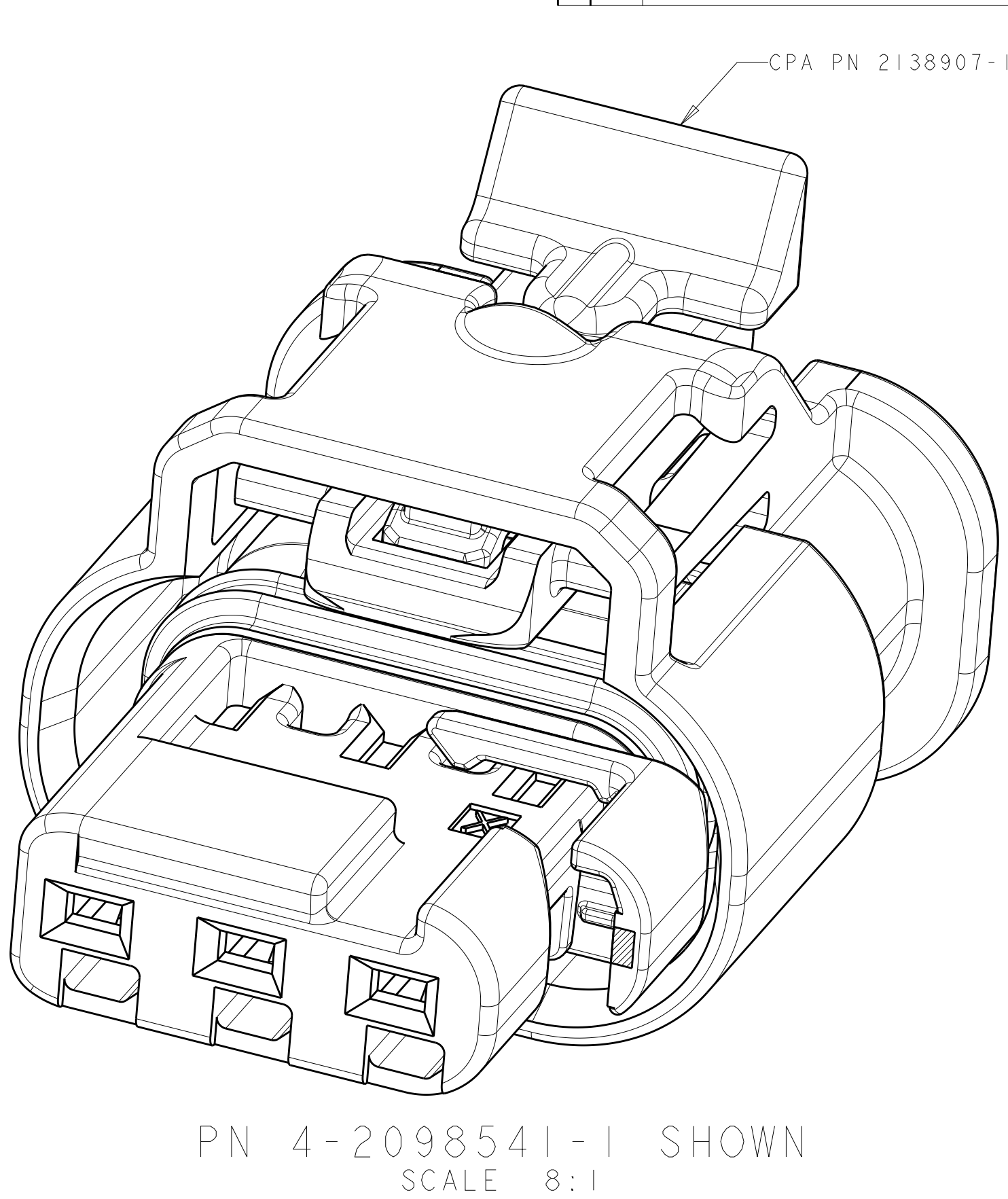


PN 2098541-5 SHOWN  
SCALE 8:1

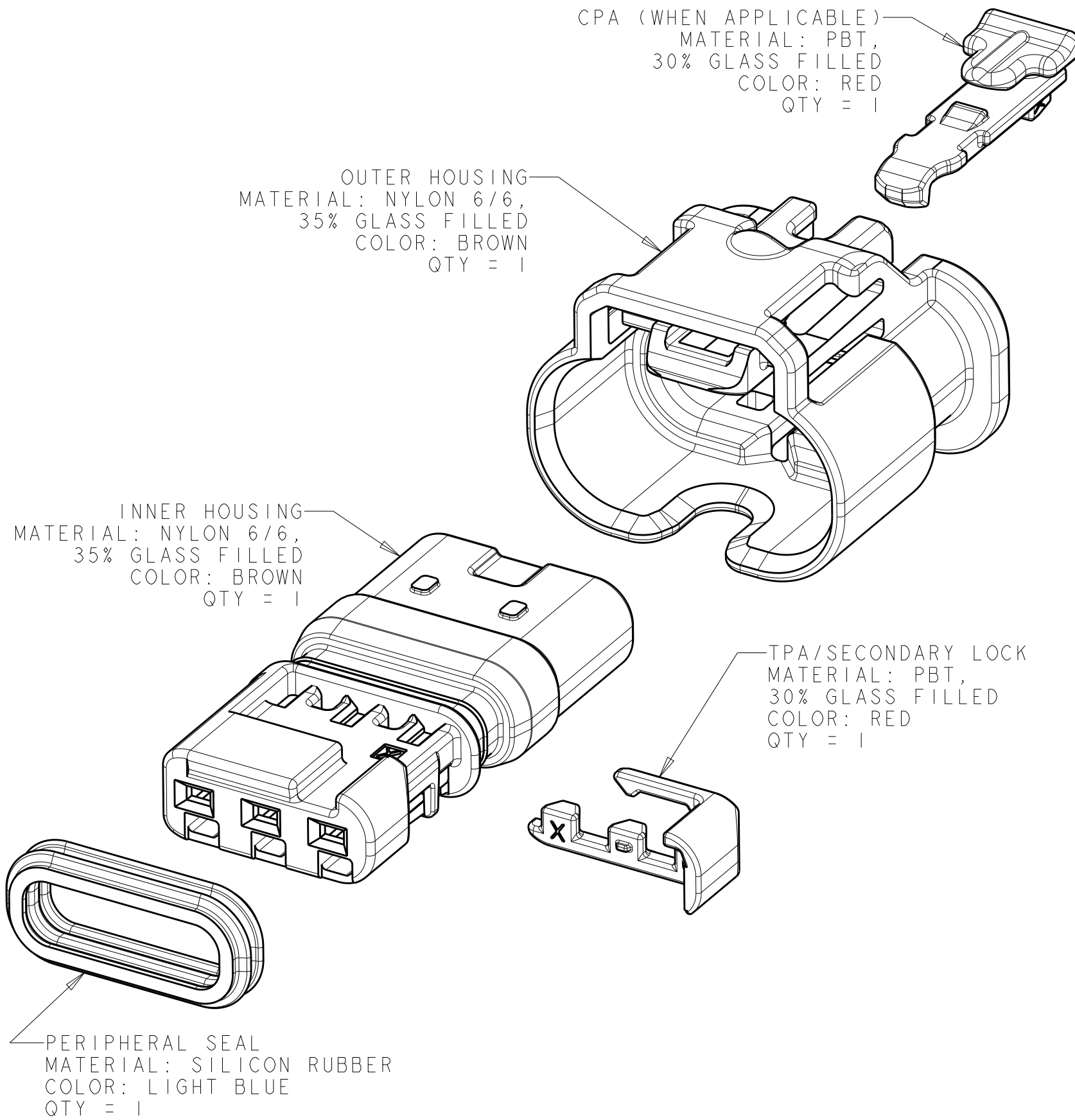
FEED THROUGH CONDITION



FEED THROUGH CONDITION



PN 4-2098541-1 SHOWN  
SCALE 8:1



EXPLODED ISOMETRIC VIEW

|                                        |                                                                              |                                   |                  |                                                                                            |
|----------------------------------------|------------------------------------------------------------------------------|-----------------------------------|------------------|--------------------------------------------------------------------------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |                                                                              | DWN<br>D. DRUMMOND<br>08OCT2009   | TE Connectivity  |                                                                                            |
| DIMENSIONS:                            |                                                                              | CHK<br>S. MANKARYOS<br>08OCT2009  |                  |                                                                                            |
| mm                                     | TOLERANCES UNLESS OTHERWISE SPECIFIED:                                       | APVD<br>S. MANKARYOS<br>08OCT2009 | NAME             | CONNECTOR ASSEMBLY,<br>FEMALE, 3 POSITION SEALED, 1.2mm<br>STANDARD LATCH VERSION, CLASS 4 |
|                                        | 0 PLC ±.3<br>1 PLC ±0.3<br>2 PLC ±0.10<br>3 PLC ±.<br>4 PLC ±.<br>ANGLES ±1° | PRODUCT SPEC                      | SIZE             | CAGE CODE DRAWING NO                                                                       |
| MATERIAL                               | SEE TABLE                                                                    | APPLICATION SPEC                  | WEIGHT           | RESTRICTED TO                                                                              |
|                                        |                                                                              | IS 408-8928                       | 3.0 GRAMS        |                                                                                            |
|                                        |                                                                              | CUSTOMER DRAWING                  | A100779C=2098541 |                                                                                            |
|                                        |                                                                              | SCALE                             | 4:1              | SHEET 2 OF 2                                                                               |
|                                        |                                                                              | REV                               | A4               |                                                                                            |