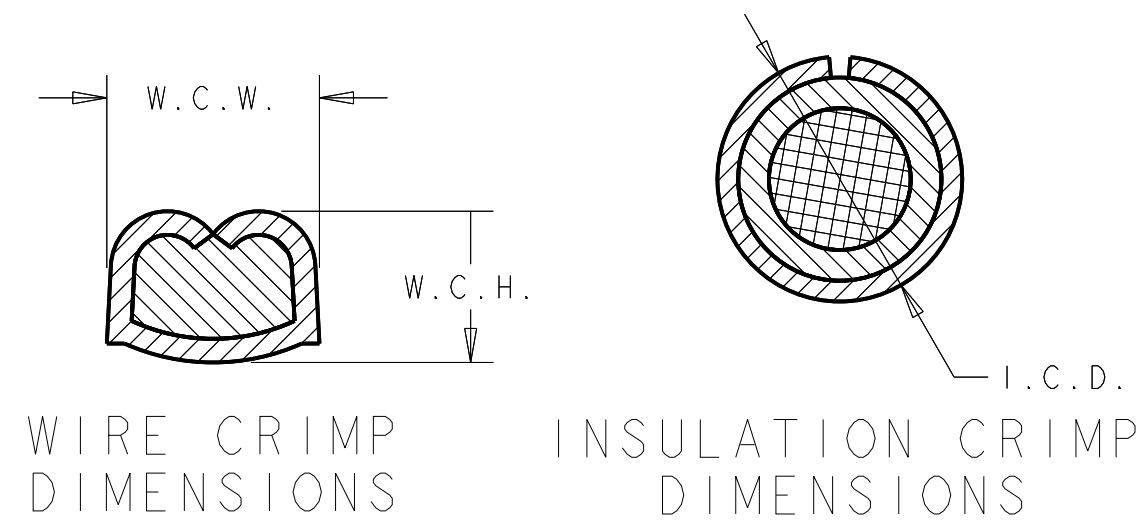
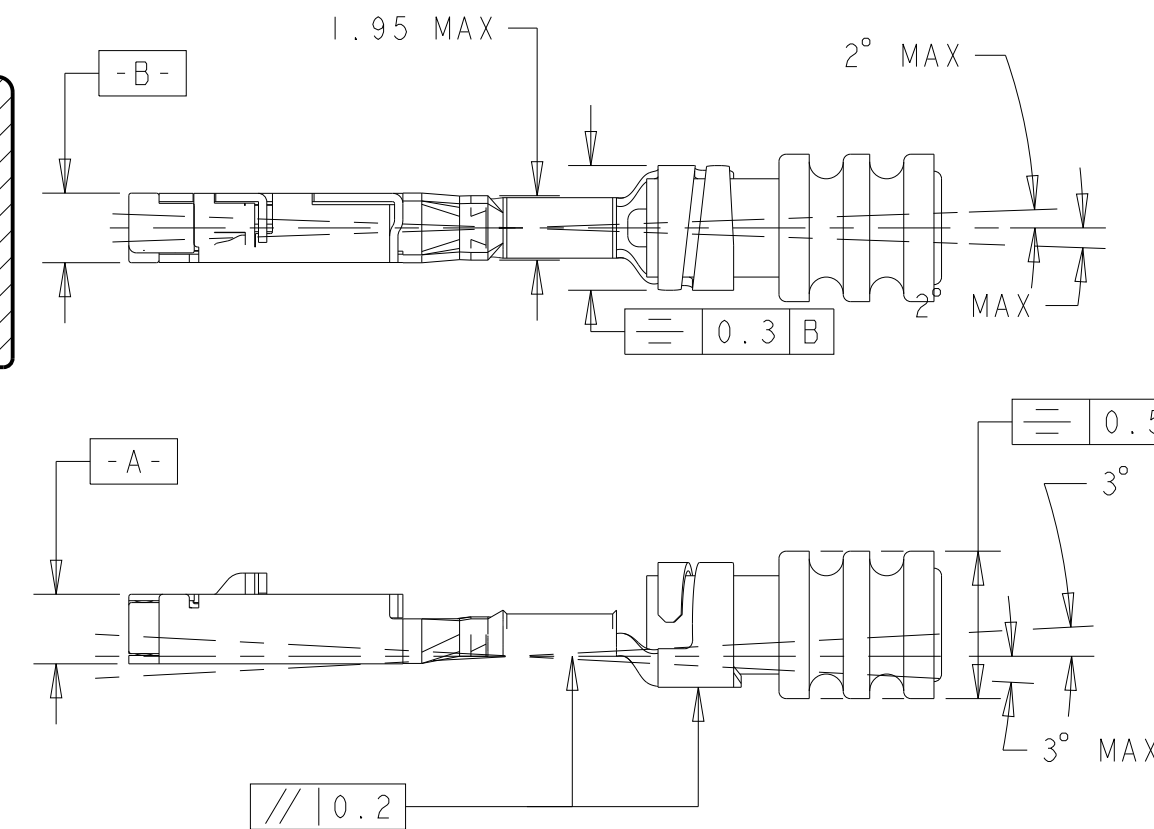
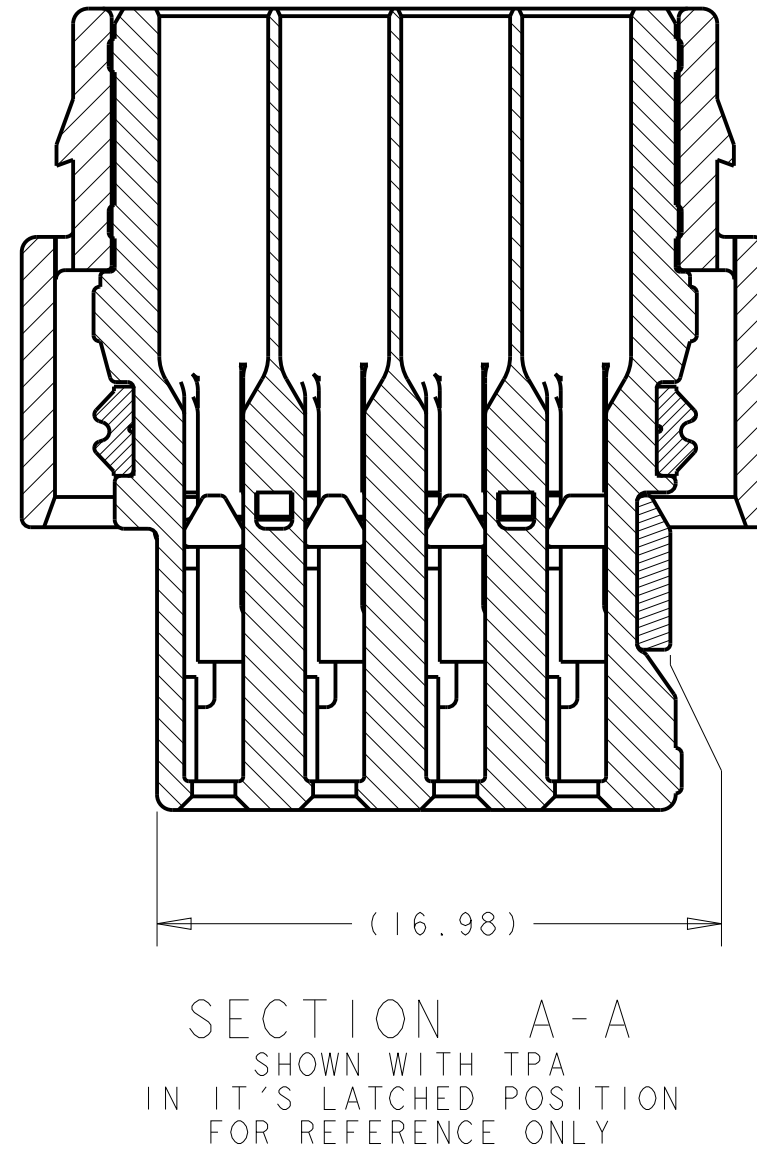
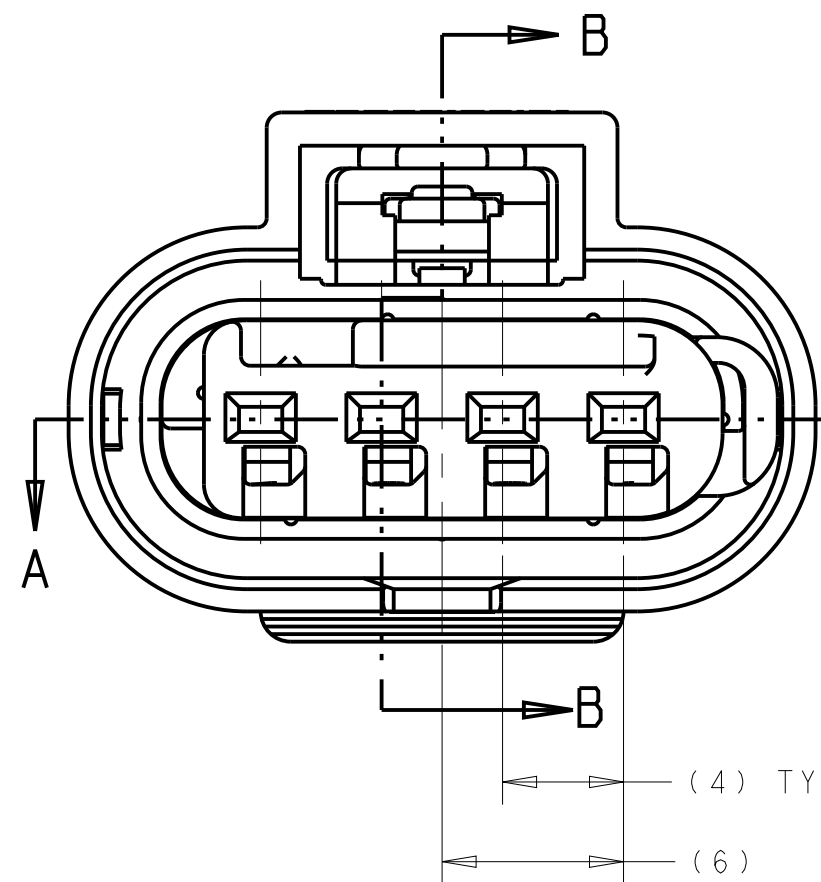
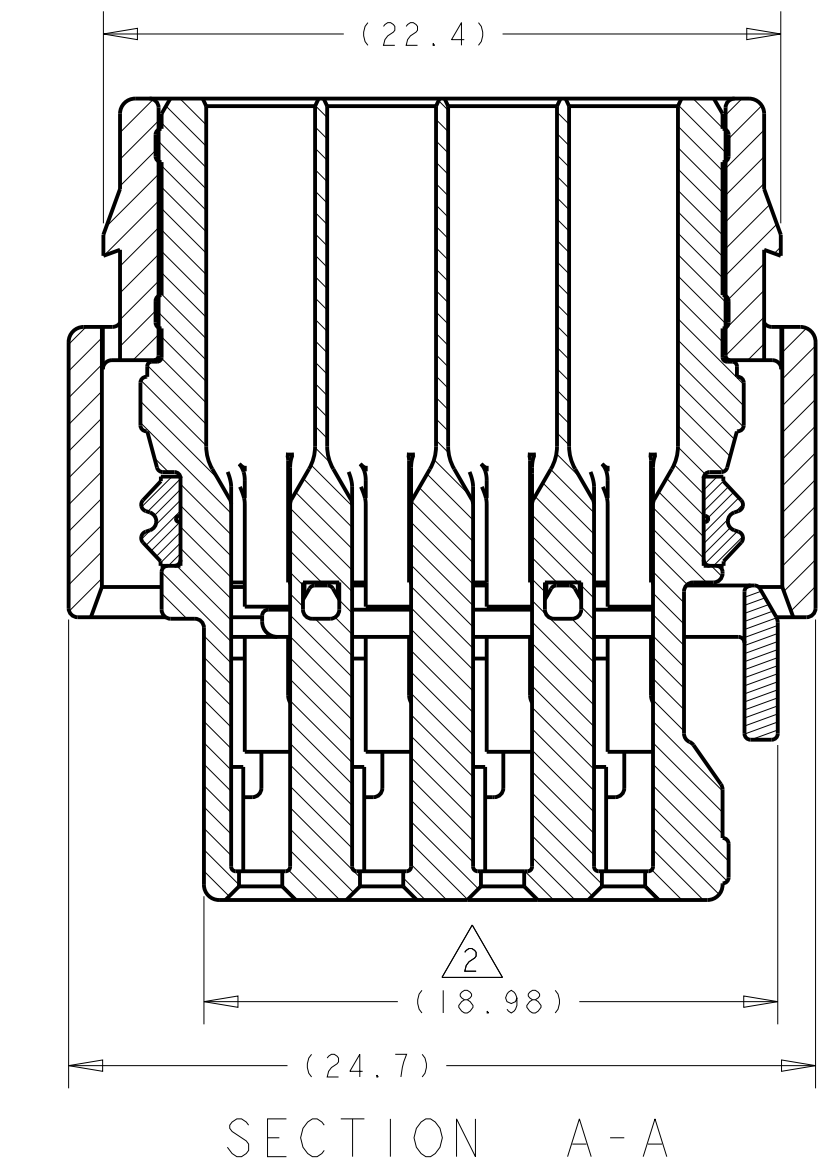
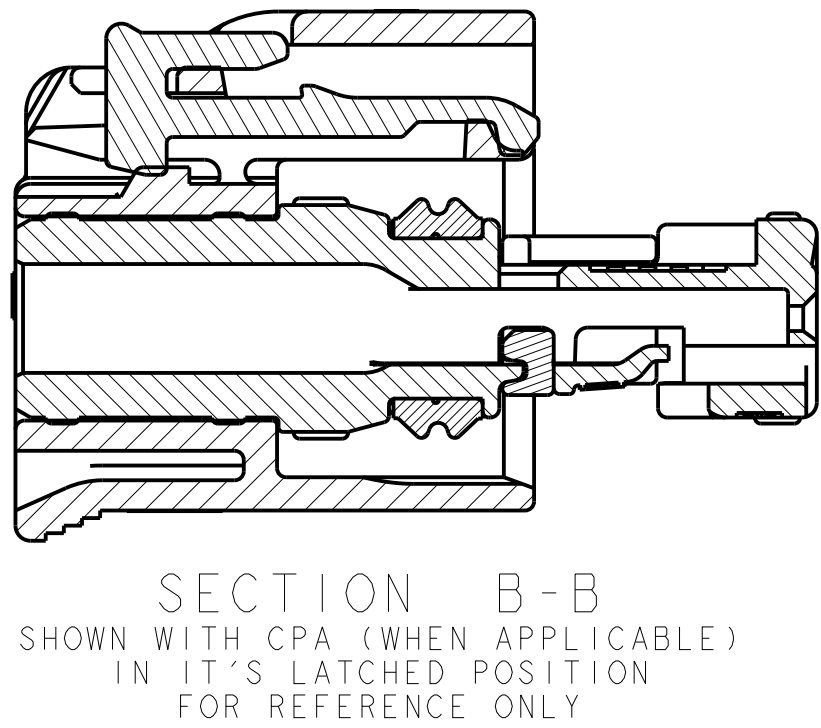
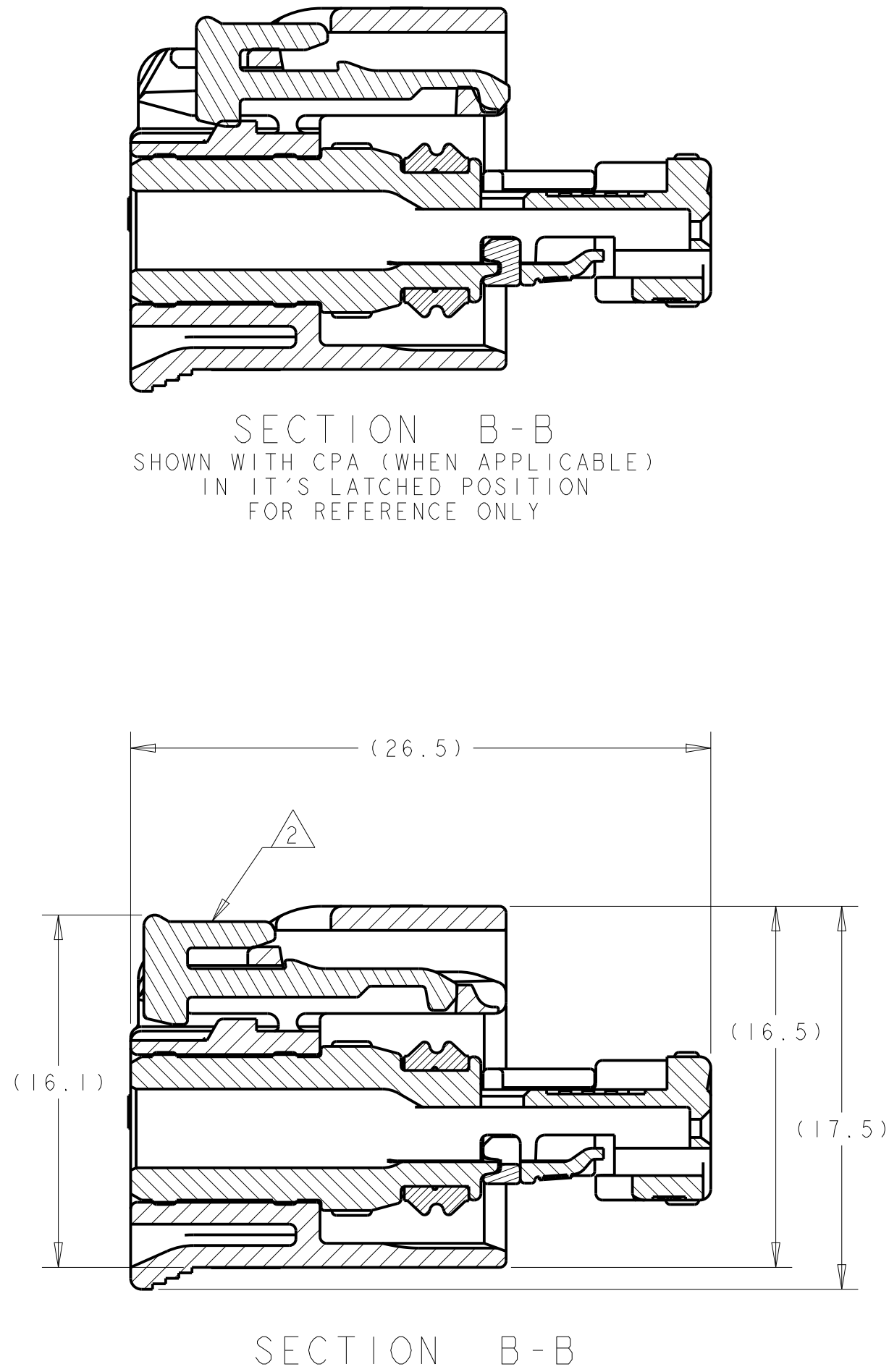
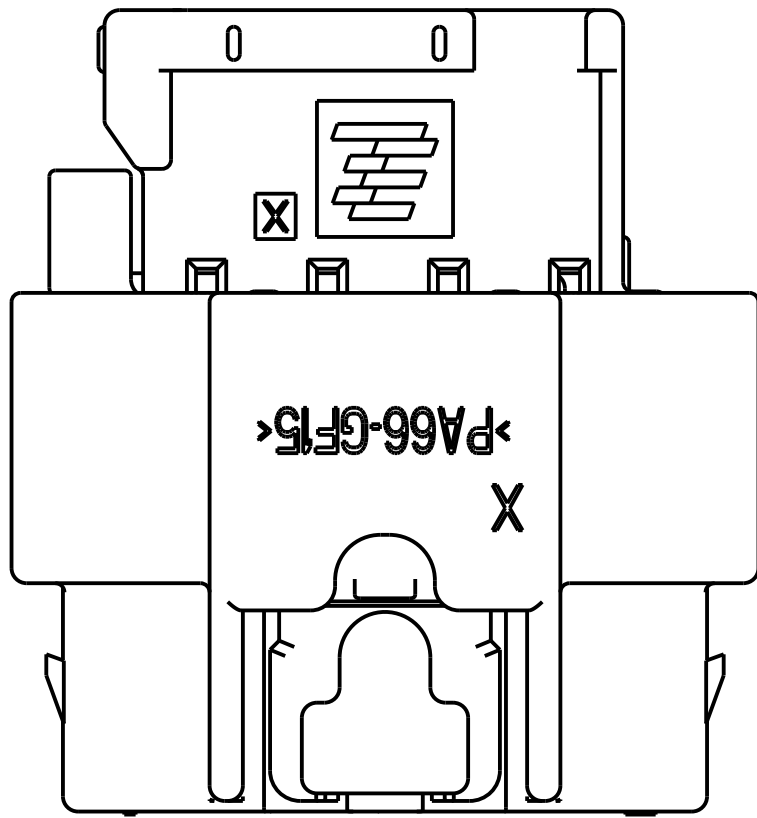
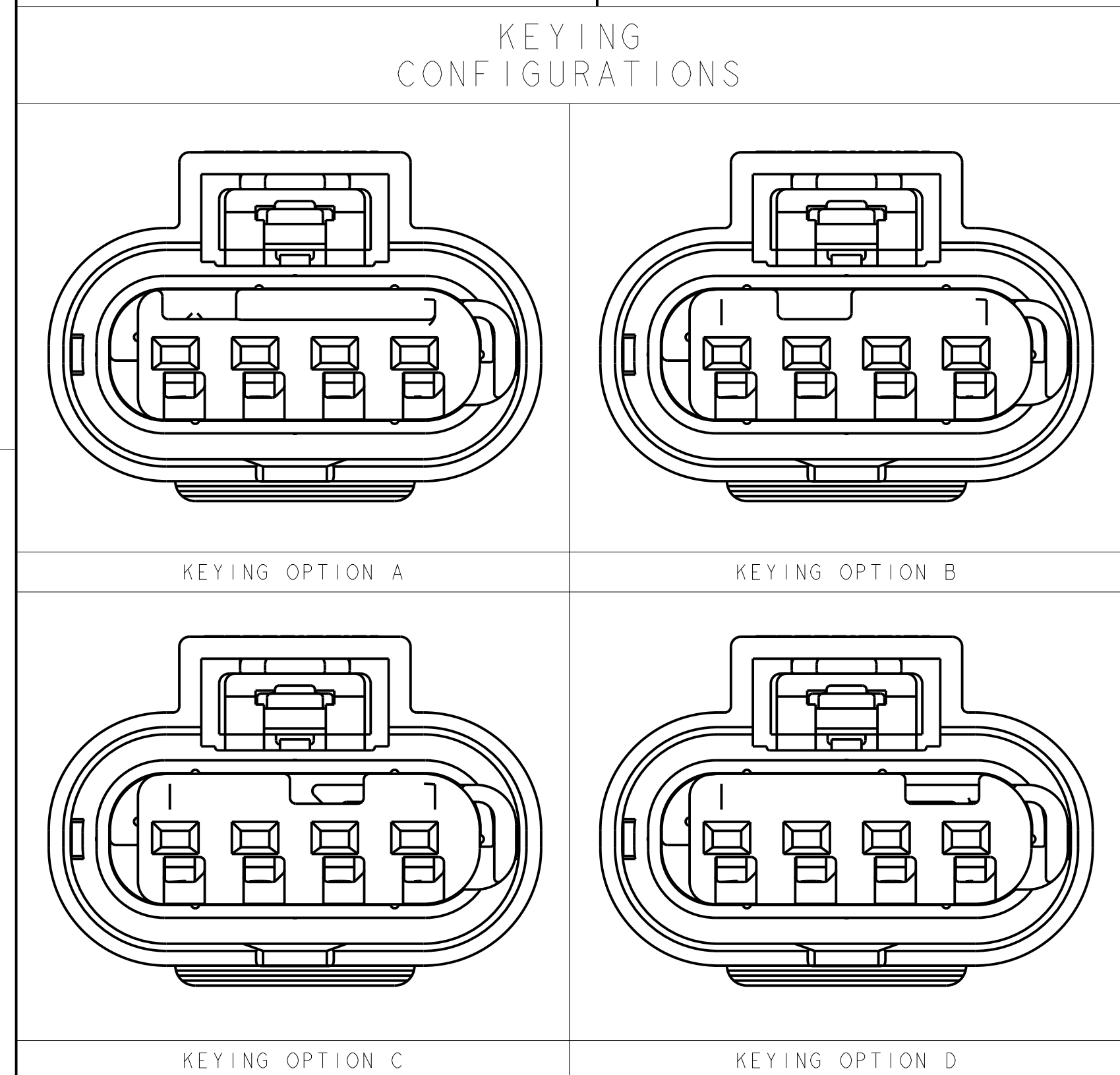
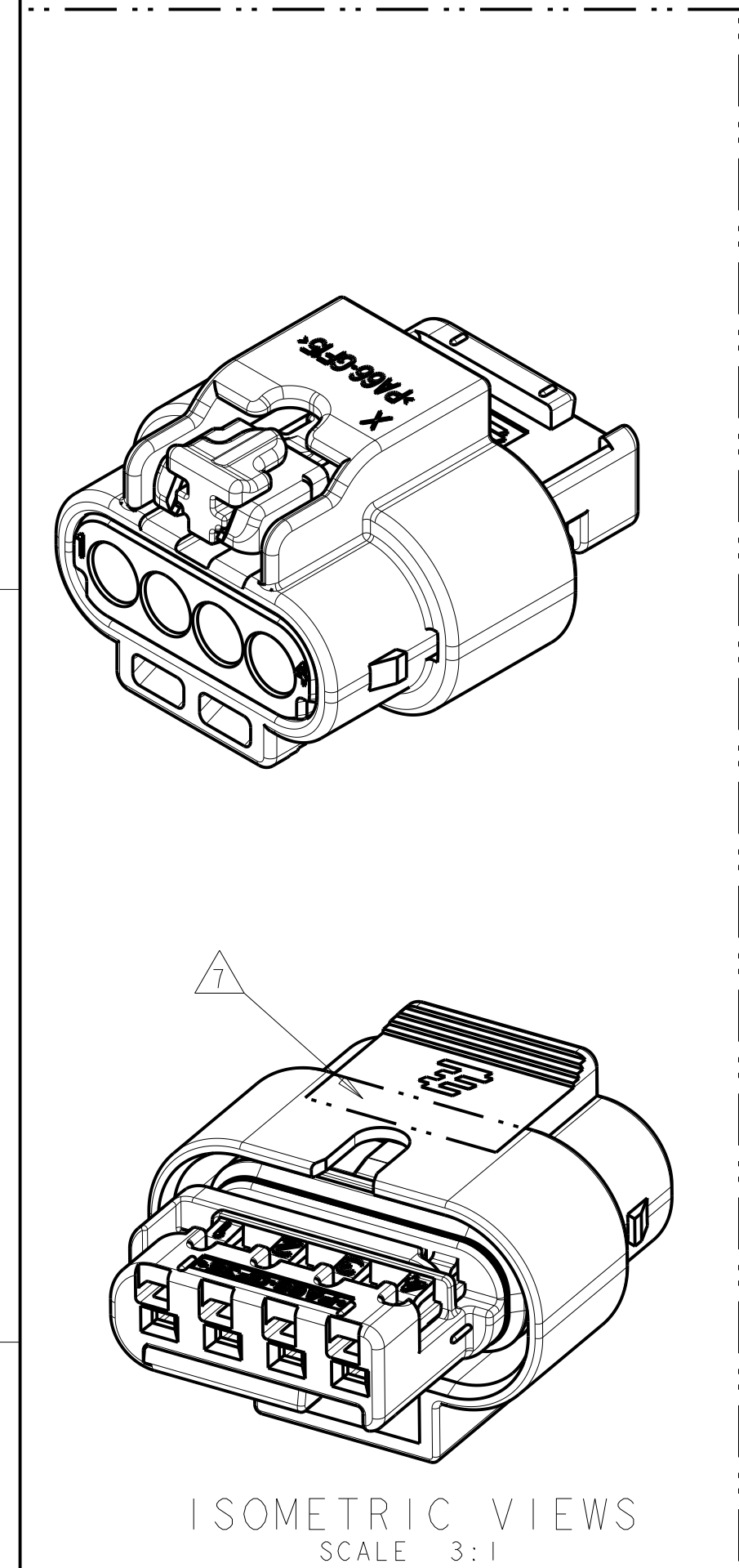




| MAX TEMP | FEMALE TERMINAL PN | TERMINAL PLATING | AWG | APPLICABLE WIRE FINISHED O.D. | W.C.H.     | W.C.W.     | I.C.D.     | WIRE SEAL PART NUMBER |
|----------|--------------------|------------------|-----|-------------------------------|------------|------------|------------|-----------------------|
| 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             |

- PART NUMBER 1-1456426-5 SHOWN ON DRAWING.
- TPA AND CPA (WHEN APPLICABLE) ARE SHIPPED IN THEIR PRE-LATCHED POSITIONS. SEE INSTRUCTION SHEET 408-8968 FOR DIRECTIONS ON MOVING THE CPA AND TPA TO THE PRE-LATCHED POSITION, IF NECESSARY.
- TERMINALS SOLD SEPARATELY. FOR USE WITH TE MCON 1.2mm CLEAN BODY CONTACT WITH WIRE SEAL. SEE TE MCON 1.2-CB (CLEAN BODY) TABLE FOR APPLICABLE PART NUMBERS.
- APPLICABLE HEADER INTERFACE DRAWING 114-18679-3 IS AVAILABLE UPON REQUEST. A COPY OF THIS DRAWING CAN BE OBTAINED FROM THE TE CONNECTIVITY PRODUCT MANAGER, VIA YOUR TE CONNECTIVITY SALES REPRESENTATIVE OR CUSTOMER SERVICE.
- MINIMUM FEED THROUGH CONDITION WITH 1.0mm CLEARANCE ALL AROUND.
- NOTE LEFT BLANK INTENTIONALLY
- TRACEABILITY CODE (YY = TWO DIGIT YEAR, JJJ = 3 DIGIT JULIAN DAY, S = 1 DIGIT SHIFT) AND TE ASSEMBLY PART NUMBER PRINTED IN THIS LOCATION AT ASSEMBLY.
- FOR OPTIONAL TERMINAL CAVITY BLOCKING, USE TE CONNECTIVITY BLIND PLUG PART NUMBER 967056-1 FOR 125°C MAX TEMPERATURE.
- PROTOTYPE CONFIGURATION NOT SHOWN.
- PROTOTYPE ASSEMBLIES USE GERMAN OUTER HOUSING P/N: 1718657-1, CPA P/N: 1670193-1 AND SEAL P/N: 1718659-1.
- TPA ENGAGE FORCE: PRESET TO FULL  $\geq$  2 N AND  $\leq$  60 N.
- TPA DISENGAGE FORCE: DISENGAGE FROM FULL TO PRESET  $\geq$  2 N AND  $\leq$  60 N
- CPA ENGAGE FORCE: PRESET TO FULL WITHOUT CONECTORS MATED  $\geq$  40 N.
- CPA ENGAGE FORCE: PRESET TO FULL WITH CONNECTORS MATED  $\leq$  30 N.
- POLARIZATION FEATURE EFFECTIVENESS:  
CONNECTOR MATED TURNED 180° NO MATING  $>$  125 N.  
WRONG KEYING NO MATING  $>$  125 N.
- VALIDATED UP TO USACAR-2 TEMPERATURE CLASS IV (150°C).
- SEE INSTRUCTION SHEET 408-8928.
- 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.
- REFERENCE ISOMETRIC VIEWS ON SHEET 2.

|          |           |         |   |             |
|----------|-----------|---------|---|-------------|
| RELEASED | 2138907-1 | GRAY    | D | 4-1456426-4 |
| RELEASED | 2138907-1 | BLUE    | C | 4-1456426-3 |
| RELEASED | 2138907-1 | NATURAL | B | 4-1456426-2 |
| RELEASED | 2138907-1 | BLACK   | A | 4-1456426-1 |
| RELEASED | 1488787-1 | GRAY    | D | 1-1456426-8 |
| RELEASED | 1488787-1 | BLUE    | C | 1-1456426-7 |
| RELEASED | 1488787-1 | NATURAL | B | 1-1456426-6 |
| RELEASED | 1488787-1 | BLACK   | A | 1-1456426-5 |
| RELEASED | N/A       | GRAY    | D | 1-1456426-4 |
| RELEASED | N/A       | BLUE    | C | 1-1456426-3 |
| RELEASED | N/A       | NATURAL | B | 1-1456426-2 |
| RELEASED | N/A       | BLACK   | A | 1-1456426-1 |

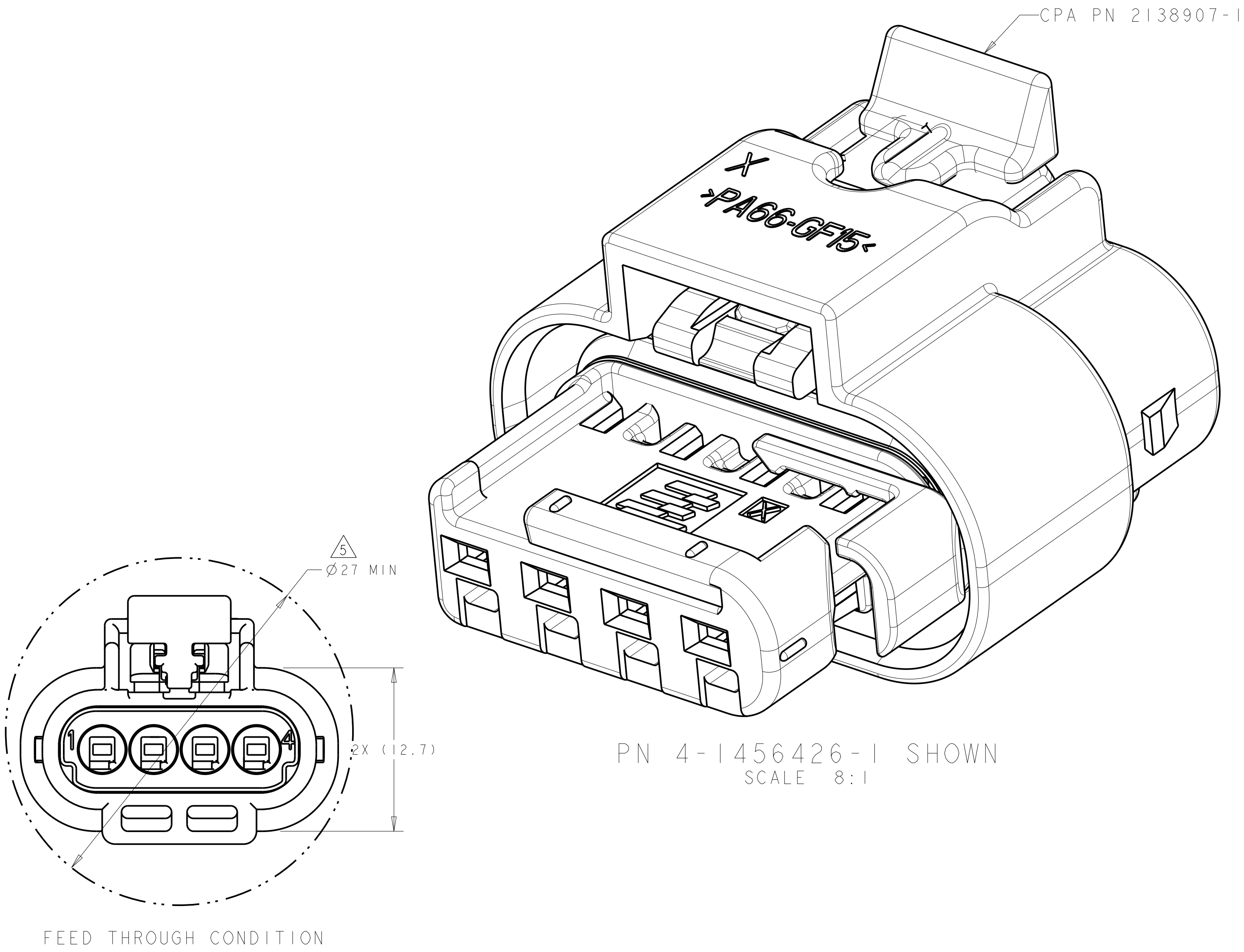
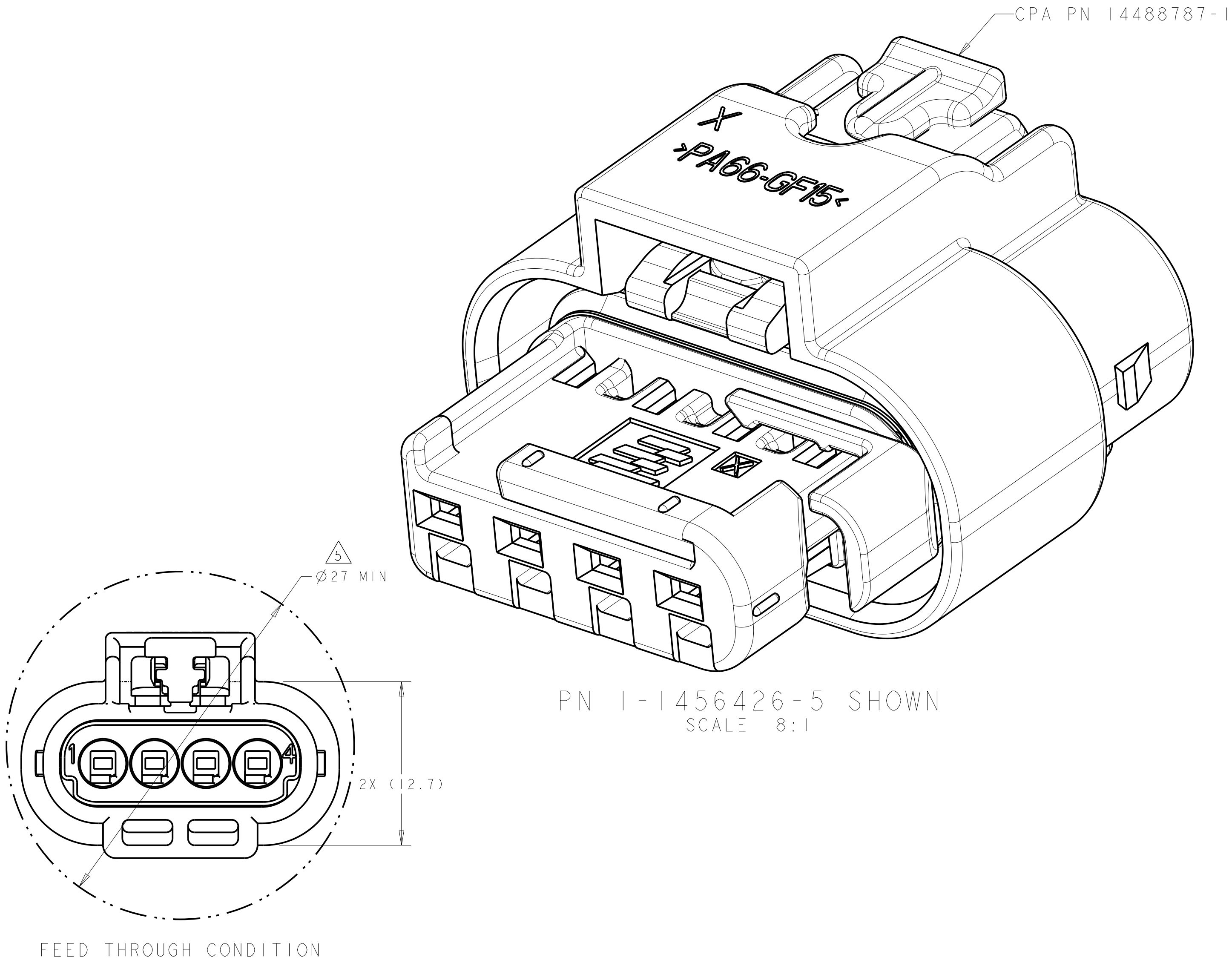
|          |  |  |  |           |
|----------|--|--|--|-----------|
| OBSOLETE |  |  |  | 1456426-0 |
|          |  |  |  | 1456426-7 |
|          |  |  |  | 1456426-6 |
|          |  |  |  | 1456426-5 |
|          |  |  |  | 1456426-4 |
|          |  |  |  | 1456426-3 |
|          |  |  |  | 1456426-2 |
|          |  |  |  | 1456426-1 |
|          |  |  |  |           |
|          |  |  |  |           |

|        |     |               |     |             |
|--------|-----|---------------|-----|-------------|
| STATUS | CPA | COLOR         | KEY | PART NUMBER |
|        |     | INNER HOUSING |     |             |

|                                        |  |                                      |                 |  |
|----------------------------------------|--|--------------------------------------|-----------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | OWN<br>CM<br>G. FORISKA<br>25SEP2006 | TE Connectivity |  |
| DIMENSIONS:                            |  | CM<br>G. MARTIN<br>25SEP2006         | NAME            |  |
| mm                                     |  | APVD<br>G. MARTIN<br>25SEP2006       | PRODUCT SPEC    |  |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: |  | APPLICATION SPEC                     |                 |  |
| 0 PLC ±.3                              |  | SIZE                                 |                 |  |
| 1 PLC ±0.10                            |  | CAGE CODE                            |                 |  |
| 2 PLC ±.1                              |  | DRAWING NO                           |                 |  |
| 3 PLC ±.1                              |  | RESTRICTED TO                        |                 |  |
| 4 PLC ±.1                              |  | A100779C=1456426                     |                 |  |
| ANGLES                                 |  | SCALE                                |                 |  |
| FINISH                                 |  | 4:1                                  |                 |  |
| MATERIAL                               |  | SHEET                                |                 |  |
| SEE TABLE                              |  | 1 OF 2                               |                 |  |
| CUSTOMER DRAWING                       |  | REV B3                               |                 |  |

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

ISOMETRIC VIEWS



|                                        |  |                                        |           |                  |  |
|----------------------------------------|--|----------------------------------------|-----------|------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN<br>M. FORISKA                      | 25SEP2006 | TE Connectivity  |  |
|                                        |  | CHK<br>G. MARTIN                       | 25SEP2006 |                  |  |
| DIMENSIONS:                            |  | TOLERANCES UNLESS OTHERWISE SPECIFIED: |           | NAME             |  |
| mm                                     |  | 0 PLC ±.3                              |           | PRODUCT SPEC     |  |
|                                        |  | 1 PLC ±0.10                            |           | APPLICATION SPEC |  |
|                                        |  | 2 PLC ±.                               |           | SIZE             |  |
|                                        |  | 3 PLC ±.                               |           | CAGE CODE        |  |
|                                        |  | 4 PLC ±.                               |           | DRAWING NO       |  |
|                                        |  | ANGLES ±1°                             |           | RESTRICTED TO    |  |
| MATERIAL                               |  | FINISH                                 |           | WEIGHT           |  |
| SEE TABLE                              |  |                                        |           | 4.3gms           |  |
|                                        |  |                                        |           | CUSTOMER DRAWING |  |
|                                        |  |                                        |           | SCALE 4:1        |  |
|                                        |  |                                        |           | SHEET 2 OF 2     |  |
|                                        |  |                                        |           | REV B.3          |  |

## Данный компонент на территории Российской Федерации

**Вы можете приобрести в компании MosChip.**

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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