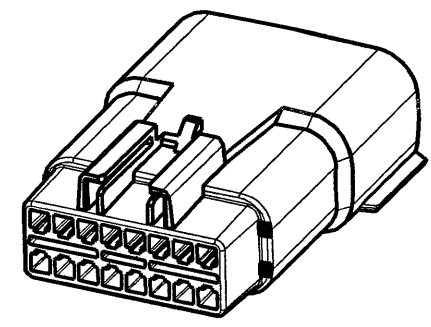
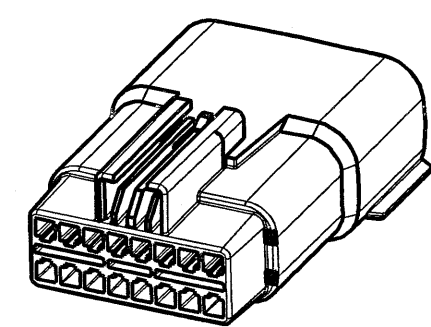
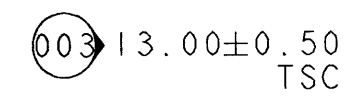
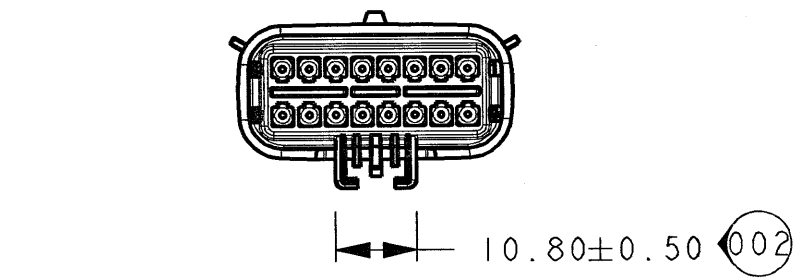


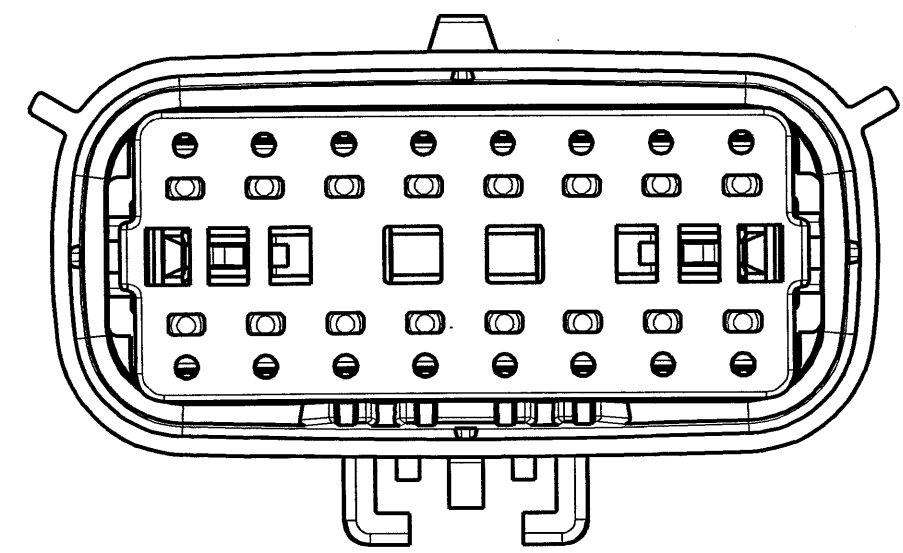
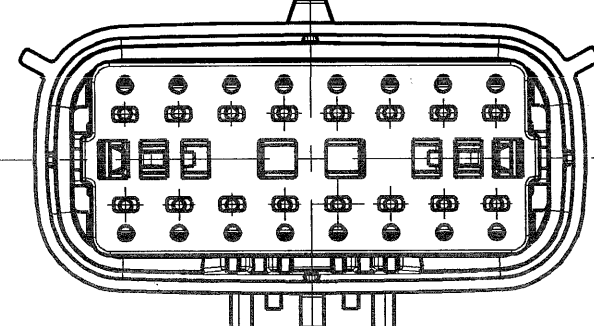
|                  | 23       | 22         | 21    | 20    | 19         | 18       | 17       | 16                         | 15 | 14 |   |   |   |   |   |   |   |    |    |    |    |    |    |                |             |                                      |           |           |           |
|------------------|----------|------------|-------|-------|------------|----------|----------|----------------------------|----|----|---|---|---|---|---|---|---|----|----|----|----|----|----|----------------|-------------|--------------------------------------|-----------|-----------|-----------|
| Assembly Numbers | PCL      | Key Option | Color | Slot  | Components |          |          | Plugged (X) Seal Positions |    |    |   |   |   |   |   |   |   |    |    |    |    |    |    | Total Circuits | Test Method | Mates With Assembly (Reference Only) |           |           |           |
|                  |          |            |       |       | Housing    | TPA      | TCI      | Mat Seal                   | 1  | 2  | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |                |             |                                      |           | 16        |           |
| P                | 54241600 | C          | A     | Black | 1          | 54241658 |          |                            |    |    |   |   |   |   |   |   |   |    |    |    |    |    |    |                |             |                                      | 54241630  | 54241630N |           |
|                  | 54241601 | C          | B     | Grey  |            | 54241659 |          |                            |    |    |   |   |   |   |   |   |   |    |    |    |    |    |    |                |             |                                      | 54241631  | 54241631N |           |
|                  | 54241602 | C          | C     | Brown |            | 54241660 |          |                            |    |    |   |   |   |   |   |   |   |    |    |    |    |    |    |                |             |                                      | 54241632  | 54241632N |           |
|                  | 54241603 | C          | D     | Green |            | 54241661 |          |                            |    |    |   |   |   |   |   |   |   |    |    |    |    |    |    |                |             |                                      | 54241633  | 54241633N |           |
|                  | 54241604 | C          | A     | Black | 2          | 54241662 |          |                            |    |    |   |   |   |   |   |   |   |    |    |    |    |    |    |                |             |                                      | 54241630  | 54241630N |           |
|                  | 54241605 | C          | B     | Grey  |            | 54241663 |          |                            |    |    |   |   |   |   |   |   |   |    |    |    |    |    |    |                |             |                                      | 54241631  | 54241631N |           |
|                  | 54241606 | C          | C     | Brown |            | 54241664 |          |                            |    |    |   |   |   |   |   |   |   |    |    |    |    |    |    |                |             |                                      | 54241632  | 54241632N |           |
|                  | 54241607 | C          | D     | Green |            | 54241665 |          |                            |    |    |   |   |   |   |   |   |   |    |    |    |    |    |    |                |             |                                      | 54241633  | 54241633N |           |
|                  | O        | 54241608   | C     | A     | Black      | 1        | 54241650 |                            |    |    |   |   |   |   |   |   |   |    |    |    |    |    |    |                |             |                                      |           | 54241634  | 54241634N |
|                  |          | 54241609   | C     | B     | Grey       |          | 54241651 |                            |    |    |   |   |   |   |   |   |   |    |    |    |    |    |    |                |             |                                      |           | 54241635  | 54241635N |
| 54241610         |          | C          | A     | Black | 2          |          | 54241654 |                            |    |    |   |   |   |   |   |   |   |    |    |    |    |    |    |                |             |                                      | 54241634  | 54241634N |           |
| 54241611         |          | C          | B     | Grey  |            |          | 54241655 |                            |    |    |   |   |   |   |   |   |   |    |    |    |    |    |    |                |             |                                      |           | 54241635  | 54241635N |
| 54241612         |          | C          | A     | Black |            | 1        | 54241650 |                            |    |    |   |   |   |   |   |   |   |    |    |    |    |    |    |                |             |                                      | 54241636  | 54241636N |           |
| 54241613         |          | C          | B     | Grey  |            |          | 54241651 |                            |    |    |   |   |   |   |   |   |   |    |    |    |    |    |    |                |             |                                      |           | 54241637  | 54241637N |
| 54241614         |          | C          | A     | Black | 2          |          | 54241654 |                            |    |    |   |   |   |   |   |   |   |    |    |    |    |    |    |                |             |                                      | 54241636  | 54241636N |           |
| 54241615         |          | C          | B     | Grey  |            |          | 54241655 |                            |    |    |   |   |   |   |   |   |   |    |    |    |    |    |    |                |             |                                      |           | 54241637  | 54241637N |
| 54241616         |          | C          | A     | Black |            | 1        | 54241650 |                            |    |    |   |   |   |   |   |   |   |    |    |    |    |    |    |                |             |                                      | 54241638  | 54241638N |           |
| 54241617         |          | C          | B     | Grey  |            |          | 54241651 |                            |    |    |   |   |   |   |   |   |   |    |    |    |    |    |    |                |             |                                      |           | 54241639  | 54241639N |
| 54241618         | C        | A          | Black | 2     | 54241654   |          |          |                            |    |    |   |   |   |   |   |   |   |    |    |    |    |    |    |                |             |                                      | 54241638  | 54241638N |           |
| 54241619         | C        | B          | Grey  |       | 54241655   |          |          |                            |    |    |   |   |   |   |   |   |   |    |    |    |    |    |    |                |             |                                      | 54241639  | 54241639N |           |
| 54241620         | C        | A          | Black |       | 1          | 54241650 |          |                            |    |    |   |   |   |   |   |   |   |    |    |    |    |    |    |                |             | 54241640                             | 54241640N |           |           |
| 54241621         | C        | B          | Grey  |       |            | 54241651 |          |                            |    |    |   |   |   |   |   |   |   |    |    |    |    |    |    |                |             |                                      | 54241641  | 54241641N |           |
| 54241622         | C        | A          | Black | 2     |            | 54241654 |          |                            |    |    |   |   |   |   |   |   |   |    |    |    |    |    |    |                |             |                                      | 54241640  | 54241640N |           |
| 54241623         | C        | B          | Grey  |       |            | 54241655 |          |                            |    |    |   |   |   |   |   |   |   |    |    |    |    |    |    |                |             |                                      |           | 54241641  | 54241641N |
| 54241624         | F        |            |       |       |            |          |          |                            |    |    |   |   |   |   |   |   |   |    |    |    |    |    |    |                |             |                                      | 54241642  | 54241642N |           |
| 54241625         | F        |            |       |       |            |          |          |                            |    |    |   |   |   |   |   |   |   |    |    |    |    |    |    |                |             |                                      | 54241643  | 54241643N |           |
| 54241626         | F        |            |       |       |            |          |          |                            |    |    |   |   |   |   |   |   |   |    |    |    |    |    |    |                |             | 54241644                             | 54241644N |           |           |
| 54241627         | G        |            |       |       |            |          |          |                            |    |    |   |   |   |   |   |   |   |    |    |    |    |    |    |                |             |                                      |           |           |           |
| 54241628         | G        |            |       |       |            |          |          |                            |    |    |   |   |   |   |   |   |   |    |    |    |    |    |    |                |             |                                      |           |           |           |
| 55241606         | G        |            |       |       |            |          |          |                            |    |    |   |   |   |   |   |   |   |    |    |    |    |    |    |                |             |                                      |           |           |           |
| 55241607         | G        |            |       |       |            |          |          |                            |    |    |   |   |   |   |   |   |   |    |    |    |    |    |    |                |             |                                      |           |           |           |
| 55241608         | G        |            |       |       |            |          |          |                            |    |    |   |   |   |   |   |   |   |    |    |    |    |    |    |                |             |                                      |           |           |           |
| 55241609         | H        | A          | Black | 2     | 54241654   |          |          |                            |    |    |   |   |   |   |   |   |   |    |    |    |    |    |    |                |             |                                      |           |           |           |
| 55241610         | H        |            |       |       |            |          |          |                            |    |    |   |   |   |   |   |   |   |    |    |    |    |    |    |                |             |                                      |           |           |           |
| 55241611         | H        |            |       |       |            |          |          |                            |    |    |   |   |   |   |   |   |   |    |    |    |    |    |    |                |             |                                      |           |           |           |
| 55241612         | H        |            |       |       |            |          |          |                            |    |    |   |   |   |   |   |   |   |    |    |    |    |    |    |                |             |                                      |           |           |           |
| 55241613         | H        |            |       |       |            |          |          |                            |    |    |   |   |   |   |   |   |   |    |    |    |    |    |    |                |             |                                      |           |           |           |
| 55241614         | H        |            |       |       |            |          |          |                            |    |    |   |   |   |   |   |   |   |    |    |    |    |    |    |                |             |                                      |           |           |           |
| F845100          | A        |            |       |       |            |          |          |                            |    |    |   |   |   |   |   |   |   |    |    |    |    |    |    |                |             |                                      |           |           |           |
| F896100          | A        |            |       |       |            |          |          |                            |    |    |   |   |   |   |   |   |   |    |    |    |    |    |    |                |             |                                      |           |           |           |



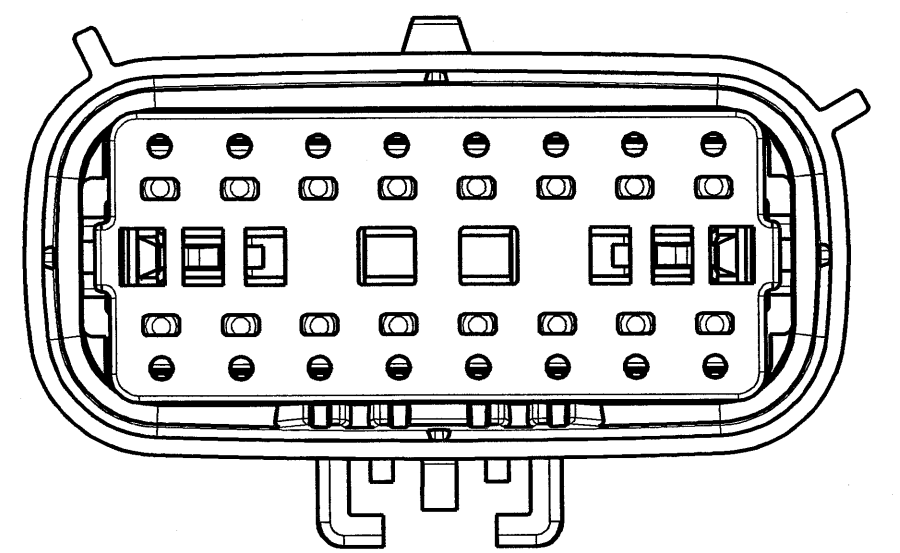
CLIP SLOT TYPE-1

ACTUAL SIZE VIEWS

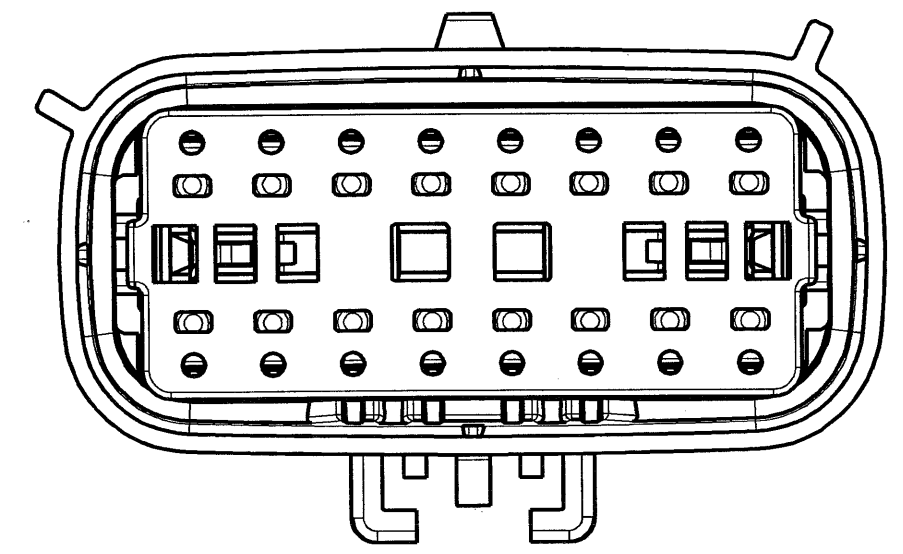
CLIP SLOT TYPE-2



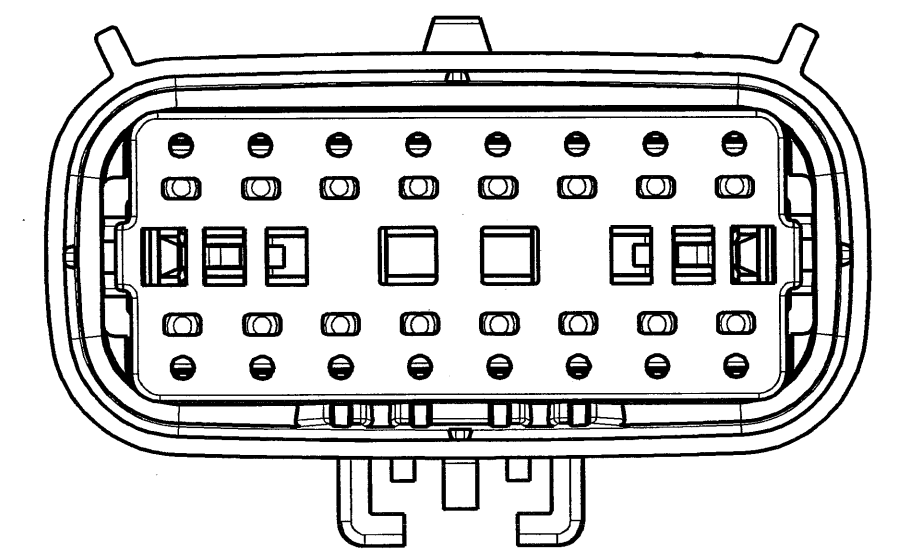
OPTION - A



OPTION - B

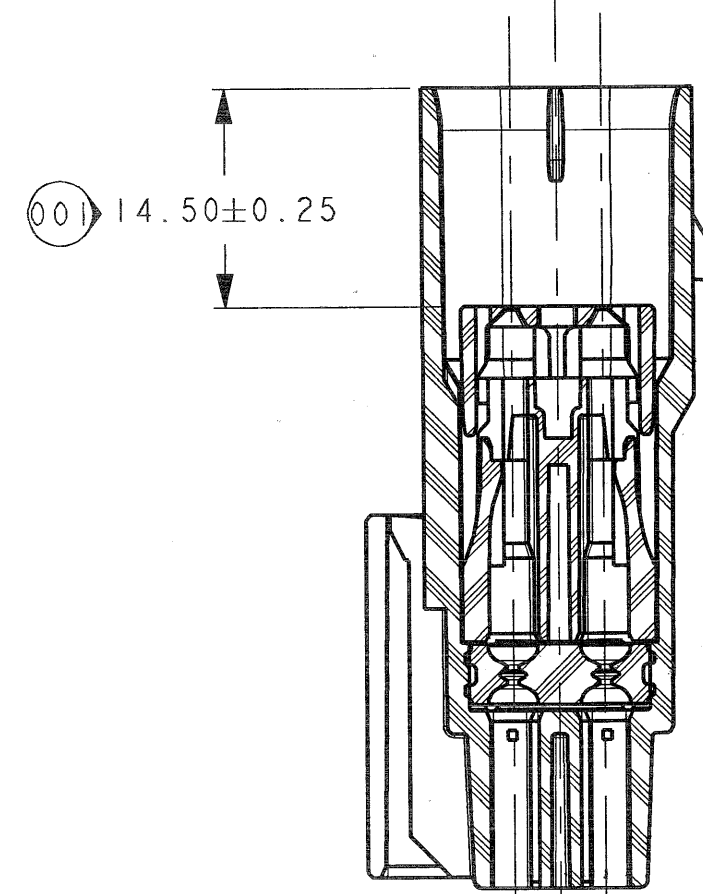
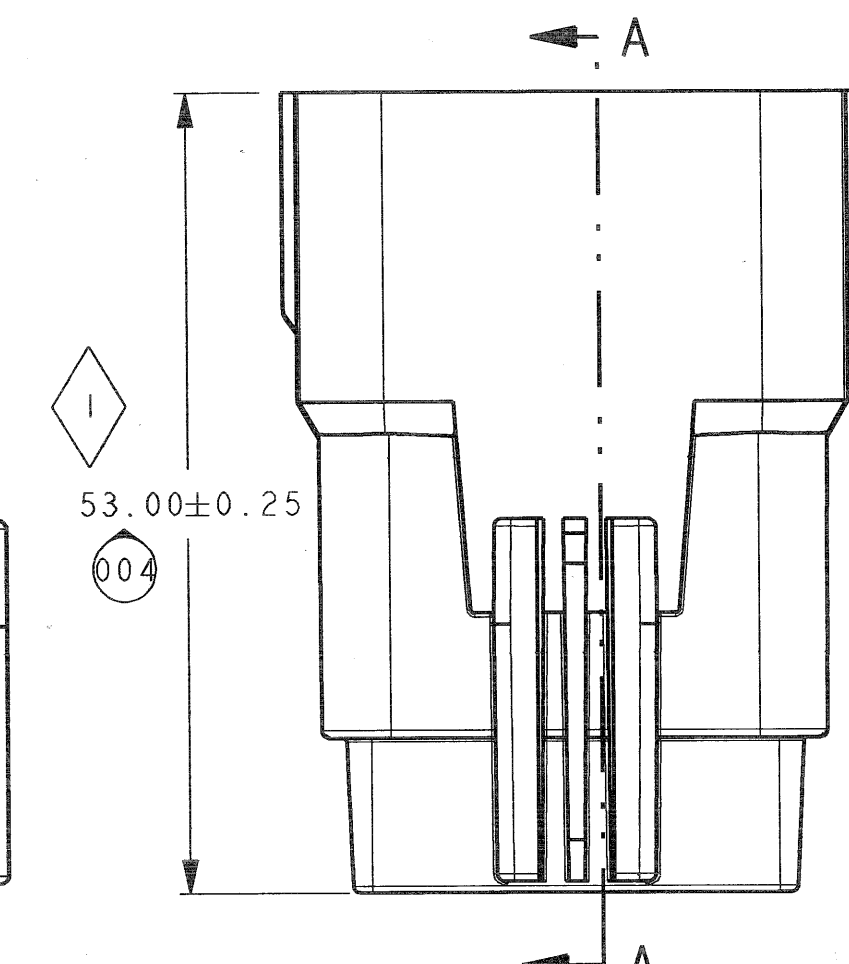
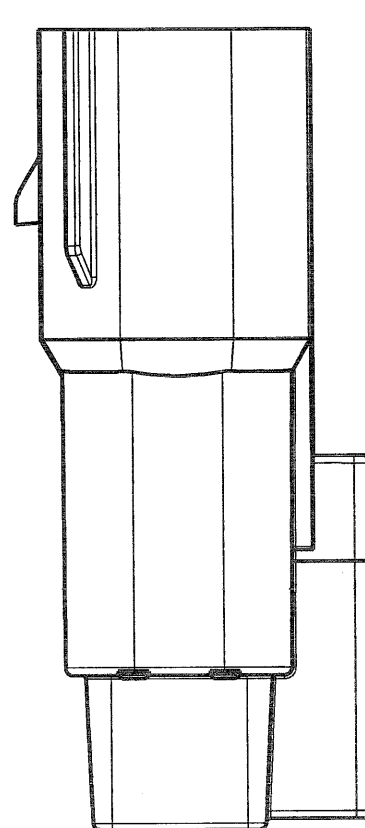
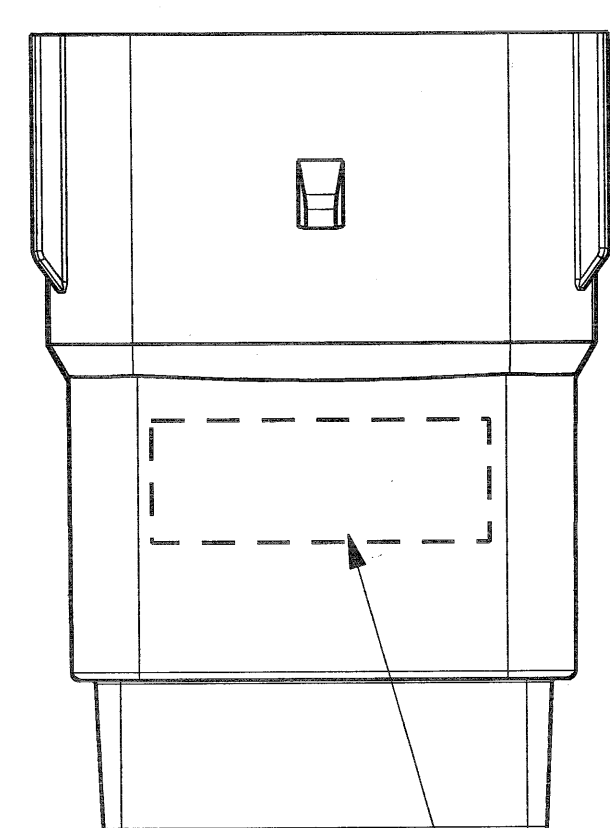


OPTION - C



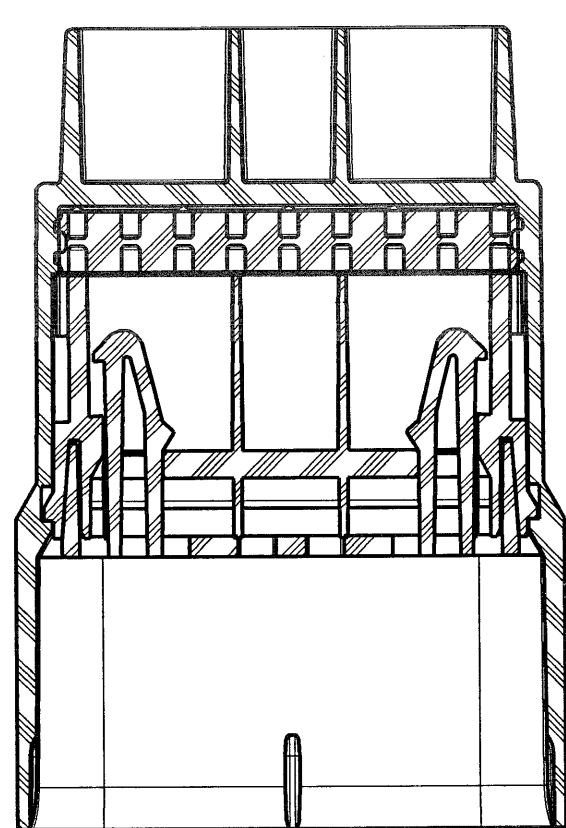
OPTION - D

POLARIZATION OPTIONS



SECTION A-A

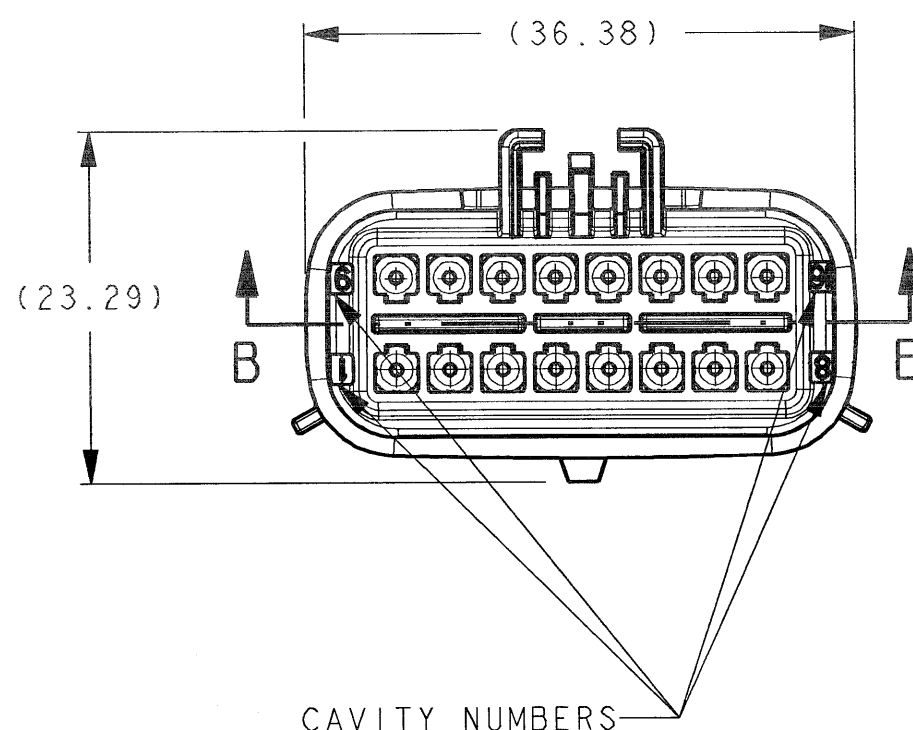
T.P.A IN PRE-ASSEMBLED POSITION



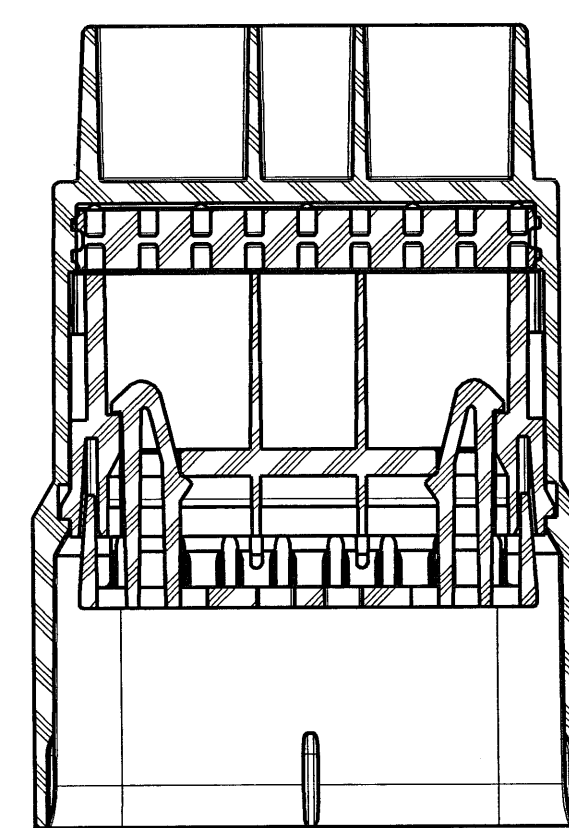
SECTION B-B

SCALE 2:1

T.P.A IN FINAL POSITION



CAVITY NUMBERS



SECTION B-B

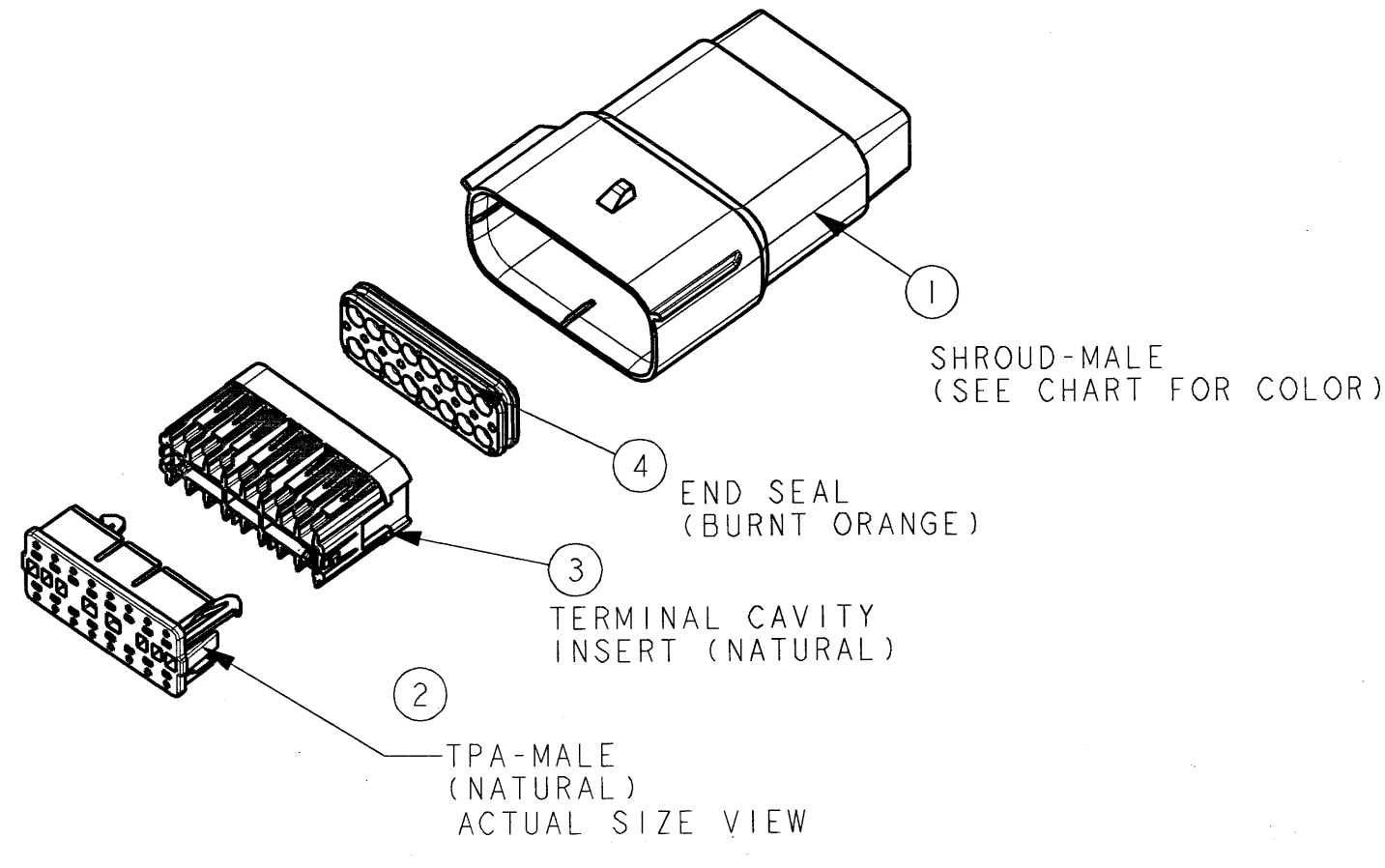
T.P.A IN PRE-ASSEMBLED POSITION

SECTION A-A

T.P.A IN FINAL POSITION

NOTES:

- 1) MAXIMUM TEMPERATURE CLASS: CLASS 3 (125°C)
- 2) TEST METHOD PER: SAE/USCAR-2 REV-4 SAE/USCAR-20 REV-2
- 3) CONNECTOR MAY BE USED WITH THE FOLLOWING RANGE OF WIRE SIZES/TYPES: - SIZE: 22 GAGE - 16 GAGE - 1.50mm MIN O.D. TO 2.41mm MAX O.D. - TYPE: TYL (MIL123-A / MS-8288) - CONTACT FCI ENGINEERING REGARDING USE OF OTHER WIRE TYPES AND/OR SIZES
- 4) CONNECTOR MAY BE USED WITH THE FOLLOWING TERMINALS: - FCI APEX150 WITH WIRE SIZES DEFINED IN NOTE 3. SEE FCI DRAWING J44009 FOR SPECIFIC PART NUMBERS AND CRIMPING REQUIREMENTS - CONTACT FCI ENGINEERING REGARDING USE OF COMPATIBLE NON FCI TERMINALS
- 5) ANNUAL QUALITY REQUIREMENTS: IT IS PERMISSIBLE TO PERFORM CONTINUOUS CONFORMANCE PER FCI SPECIFICATION #AQA-001 INSTEAD OF ANNUAL LAYOUT AND ANNUAL PV REQUIREMENTS OF QS-9000 SECTION 2 AND SAE/USCAR-2 REV-4.
- 6) QUALITY ASSURANCE REQUIREMENTS SPC DATA, REQUIRED



| RECOMMENDED COMPONENTS |                              |         |           |
|------------------------|------------------------------|---------|-----------|
| FCI PART NUMBER        | ITEM DESCRIPTION             | PLATING | GRIP SIZE |
| 54001626               | APEX 150 TERMINAL            | TIN     | 16,18     |
| 54002001               | APEX 150 TERMINAL            | TIN     | 20,22     |
| 54001628               | APEX 150 TERMINAL            | GOLD    | 16,18     |
| 54002003               | APEX 150 TERMINAL            | GOLD    | 20,22     |
| 54241629               | APEX 150 UNIVERSAL SEAL PLUG | -       | -         |

|       |          |   |       |                                        |     |     |     |
|-------|----------|---|-------|----------------------------------------|-----|-----|-----|
| 10169 | 02/14/08 | J | CHART | ADDED PROLOG AND PROLOG (AT PCL A3)    | RCB | RCB | RCB |
| 10025 | 11/12/07 | H | NOTES | WAS 153.001. ADDED NOTE #6             | RCB | RCB | RCB |
| 9913  | 10/01/07 | G | CHART | ADDED ASSEMBLY 55241609 THRU 55241614  | RCB | RCB | RCB |
| 9485  | 07/10/07 | F | CHART | ADDED PART NUMBERS 54241627 - 54241628 | RCB | RCB | RCB |
| 8533  | 05/25/06 | E | CHART | ADDED PART NUMBERS 54241629 - 54241630 | RCB | RCB | RCB |
| 8228  | 12/12/05 | D | J15   | REVISOR "MARKED" NOTE                  | FAH | FAH | FAH |
| 7883  | 12/02/05 | C | J15   | REVISOR "MARKED" NOTE                  | FAH | FAH | FAH |
| 6934  | 07/15/04 | B | L18   | ADDED COLOR CALLOUT TO EXPLODED VIEW   | FAH | FAH | FAH |
| 6572  | 04/16/04 | A | -     | RELEASED                               | FAH | FAH | FAH |
| 6076  | 04/16/04 | A | -     | RELEASED                               | FAH | FAH | FAH |
| 5576  | 04/16/04 | A | -     | RELEASED                               | FAH | FAH | FAH |
| 5076  | 04/16/04 | A | -     | RELEASED                               | FAH | FAH | FAH |
| 4576  | 04/16/04 | A | -     | RELEASED                               | FAH | FAH | FAH |
| 4076  | 04/16/04 | A | -     | RELEASED                               | FAH | FAH | FAH |
| 3576  | 04/16/04 | A | -     | RELEASED                               | FAH | FAH | FAH |
| 3076  | 04/16/04 | A | -     | RELEASED                               | FAH | FAH | FAH |
| 2576  | 04/16/04 | A | -     | RELEASED                               | FAH | FAH | FAH |
| 2076  | 04/16/04 | A | -     | RELEASED                               | FAH | FAH | FAH |
| 1576  | 04/16/04 | A | -     | RELEASED                               | FAH | FAH | FAH |
| 1076  | 04/16/04 | A | -     | RELEASED                               | FAH | FAH | FAH |
| 0576  | 04/16/04 | A | -     | RELEASED                               | FAH | FAH | FAH |
| 0076  | 04/16/04 | A | -     | RELEASED                               | FAH | FAH | FAH |



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

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