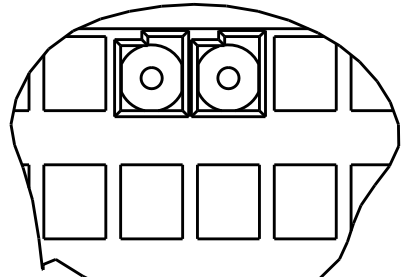
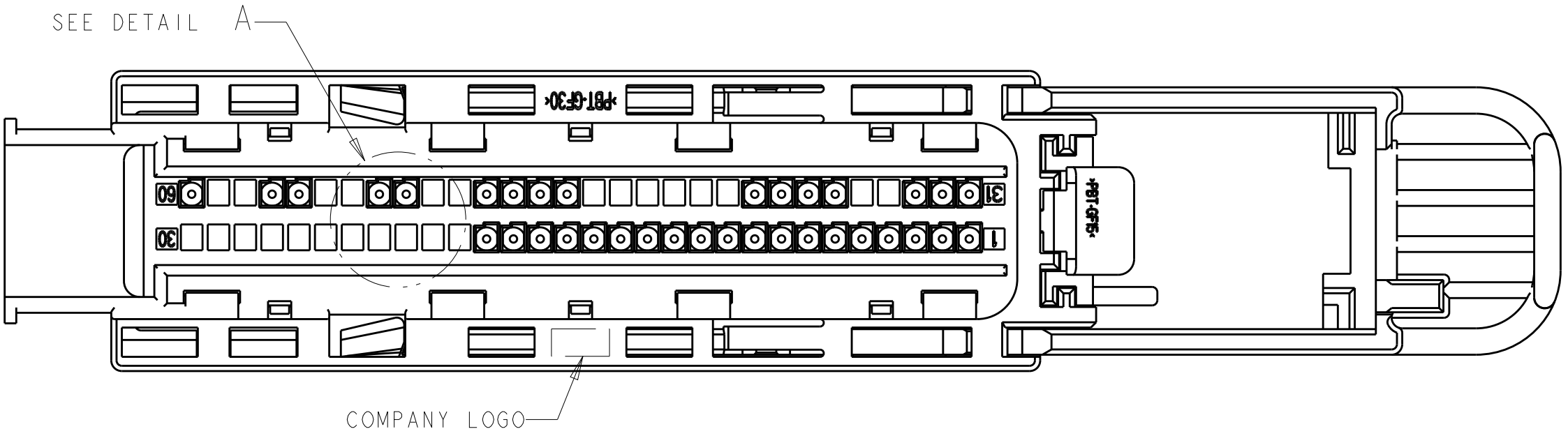
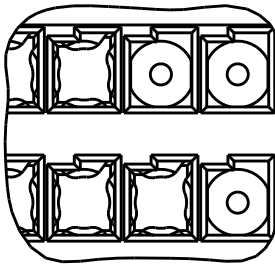
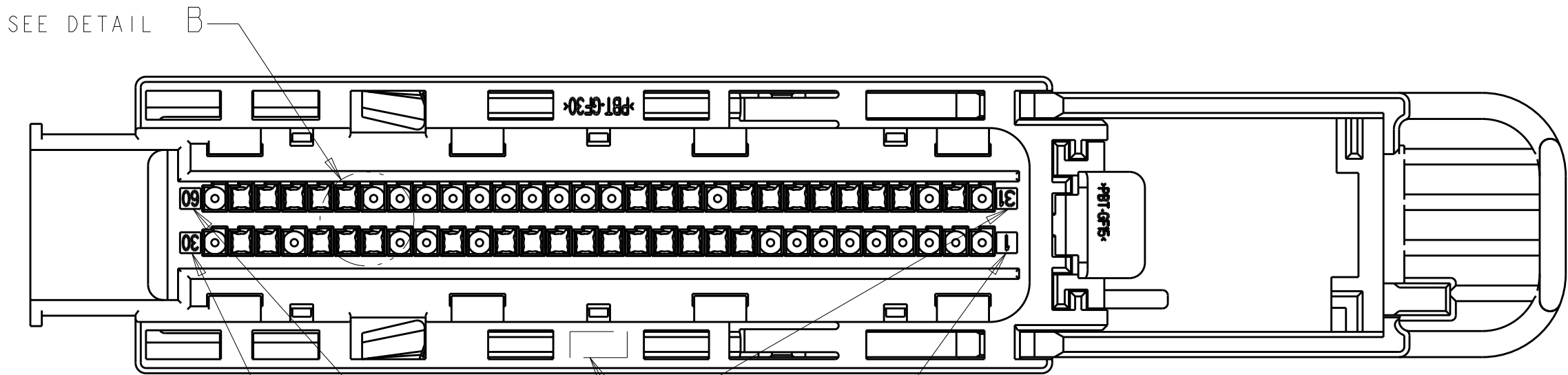


| REVISIONS |     |                           |           |     |      |
|-----------|-----|---------------------------|-----------|-----|------|
| P         | LTR | DESCRIPTION               | DATE      | DWN | APVD |
|           | BA3 | REVISED PER ECO-15-004852 | 21MAR2015 | DLD | DLD  |
|           |     |                           |           |     |      |
|           |     |                           |           |     |      |
|           |     |                           |           |     |      |

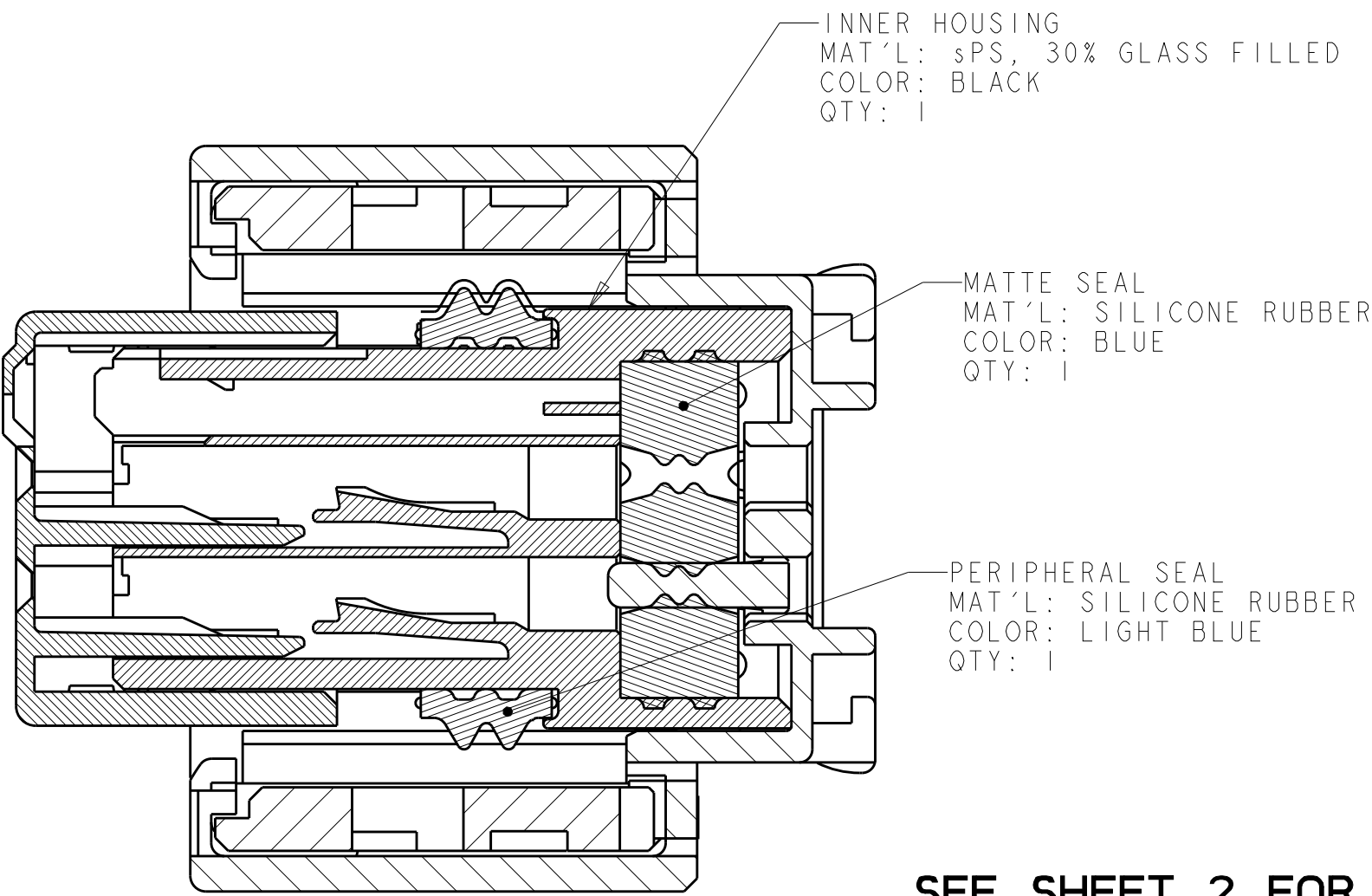
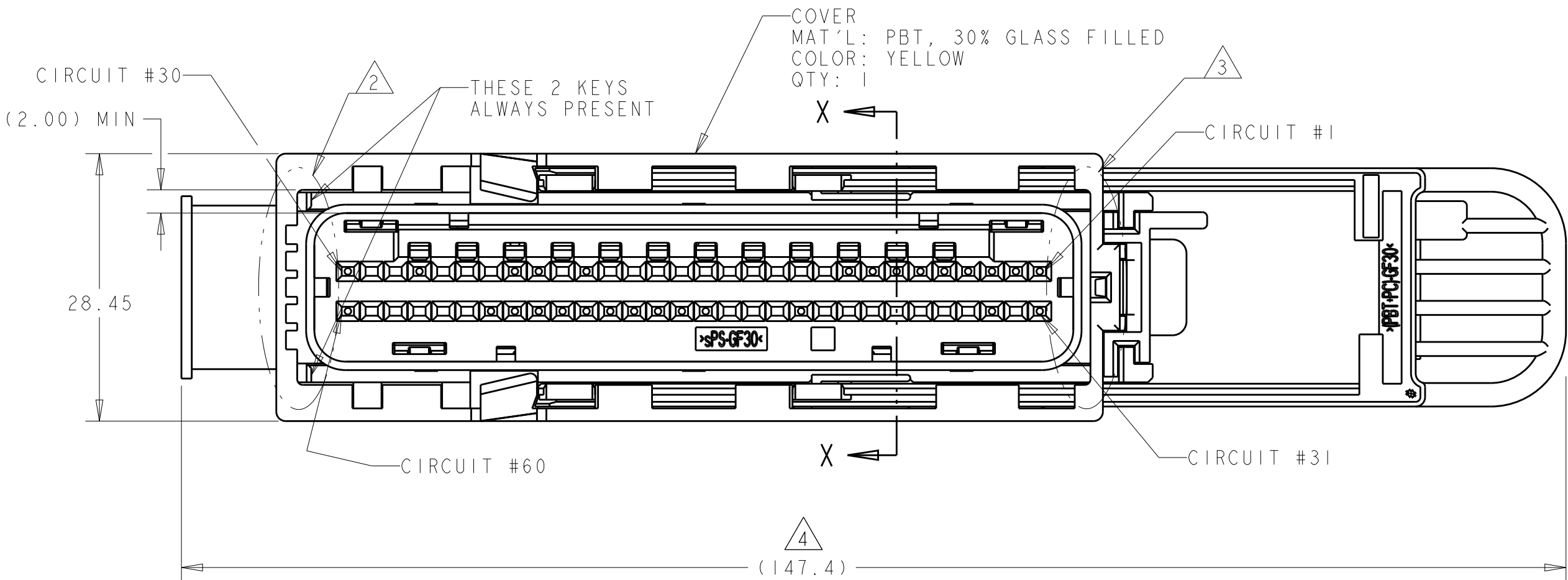
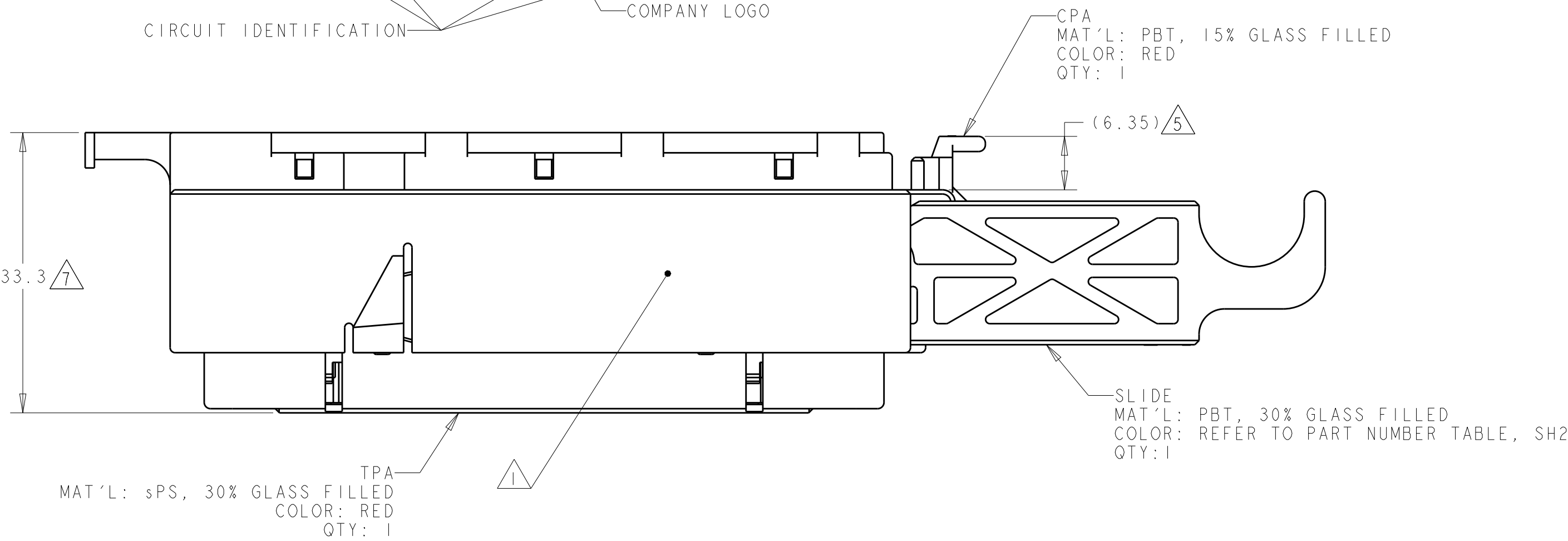


DETAIL A  
SCALE 4:1

ALTERNATE CONSTRUCTION



DETAIL B  
SCALE 4:1



SECTION X-X  
SCALE 4:1

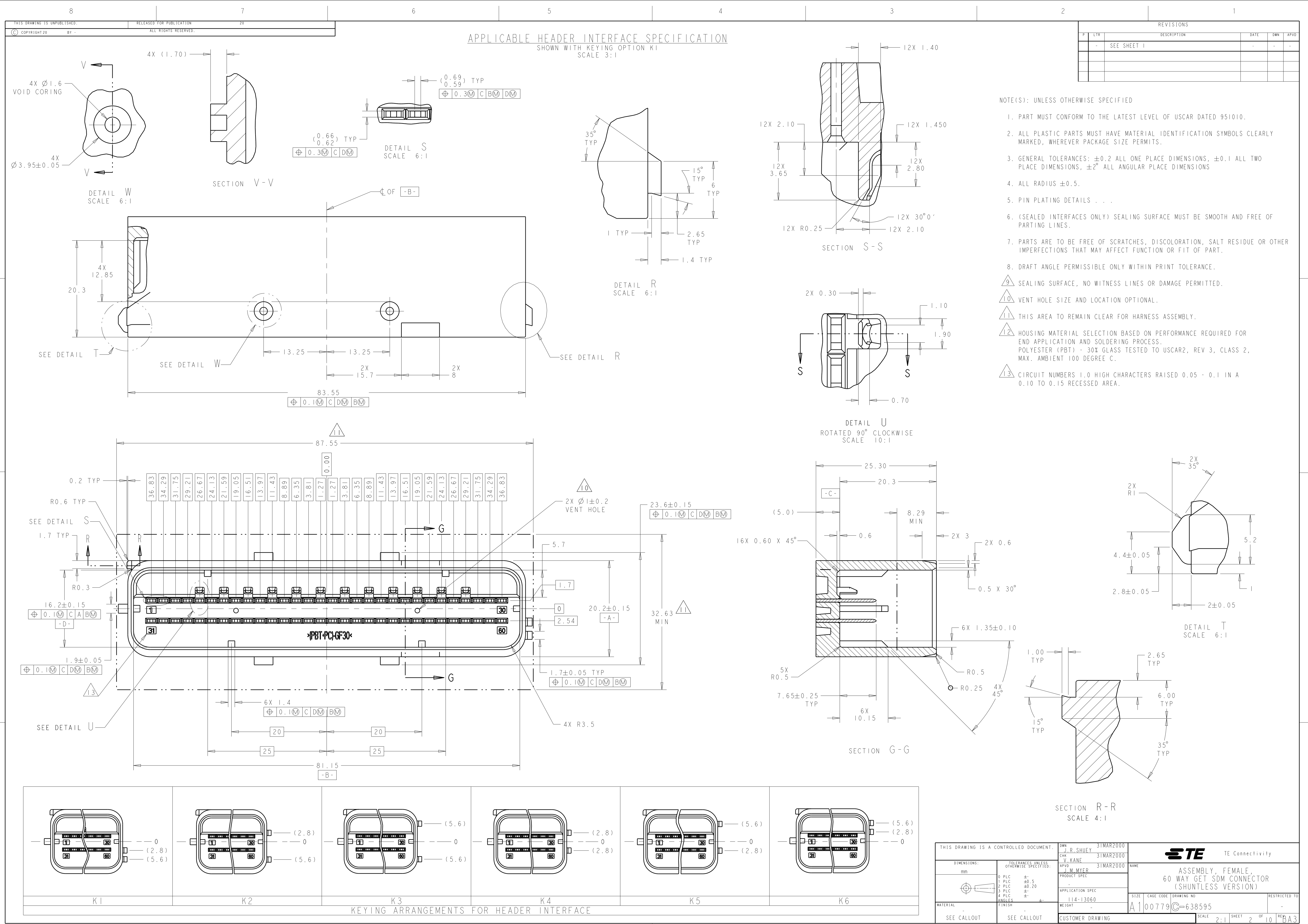
SEE SHEET 2 FOR HEADER INTERFACE SPECIFICATION,  
SHEET 6 FOR KEYING ARRANGEMENTS,  
AND SHEETS 7, 8 & 9 FOR CIRCUIT ARRANGEMENTS

- △ TE CONNECTIVITY (TE) PART NUMBER AND JULIAN DATE CODE MARKED ON THIS SIDE.
- △ SEE KEYING ARRANGEMENT TABLE FOR KEYWAY LOCATIONS, SEE SHEET 6.
- △ SEE KEYING ARRANGEMENT TABLE FOR KEY LOCATIONS, SEE SHEET 6.
- △ SLIDE SHOWN IN UNLOCKED POSITION.
- △ CPA SHOWN IN UNLOCKED POSITION.
- △ NOTE DELETED.
- △ TPA SHOWN IN UNLOCKED POSITION.
- 8. REFER TO DRAWING C-638623 AND/OR C-1488143 FOR MATING CONNECTOR INFORMATION.
- △ NOT FOR PRODUCTION USE.
- 10. MISCELLANEOUS COMPONENT ENGAGE/DISENGAGE FORCE, SAE/USCAR-2, SECTION 5.4.4.4, G.M. APPROVED DEVIATION: TPA (PRE-SET TO FULL) FORCES TO BE 15 TO 55 NEWTONS.
- 11. MISCELLANEOUS COMPONENT ENGAGE/DISENGAGE FORCE, SAE/USCAR-2, SECTION 5.4.4.4, G.M. APPROVED DEVIATION: CPA (PRE-SET TO FULL) FORCES TO BE 7 TO 30 NEWTONS.
- 12. POLARIZATION FEATURE EFFECTIVENESS, SAE/USCAR-2, SECTION 4.3.4, G.M. APPROVED DEVIATION: DURING MISMATING FORCE TESTING CERTAIN CONNECTOR/HEADER COMBINATIONS MAY ALLOW ELECTRICAL CONTACT OF UP TO 26 PINS BELOW THE REQUIRED 220 NEWTON FORCE.
- 13. CONNECTOR-CONNECTOR MATING/UNMATING FORCE, SAE/USCAR-2, SECTION 5.4.2.4, G.M. APPROVED DEVIATION: MATING FORCE IS ACCEPTABLE FOR THE CONNECTOR/HEADER SYSTEM UP TO 50 TERMINALS AT ≤ 75 NEWTONS.
- 14. APPLICABLE TE GET FEMALE TERMINALS: FOR 0.22/0.35 WIRE SECTION, TERMINAL PART NUMBER 1393364-2 FOR 0.50/0.0.75 WIRE SECTION, TERMINAL PART NUMBER 1393365-2
- 15. REFER TO POGO PIN FOR GET SOCKET TERMINAL ON TE DRAWING #114-18411 FOR CONTINUITY TESTING.
- △ PRELIMINARY NOT RELEASED FOR PRODUCTION.

SEE SHEET 3  
PART NUMBER

|                                        |                                        |                          |                                                                |                      |
|----------------------------------------|----------------------------------------|--------------------------|----------------------------------------------------------------|----------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |                                        | DWN J.R. SHUEY 31MAR2000 | TE Connectivity                                                |                      |
| DIMENSIONS:                            |                                        | CHK V.KANE 31MAR2000     |                                                                |                      |
| mm                                     | TOLERANCES UNLESS OTHERWISE SPECIFIED: | APVD J.M. MYER 31MAR2000 | NAME                                                           |                      |
| 0 PLC ±0.5                             | 1 PLC ±0.20                            | PRODUCT SPEC             | ASSEMBLY, FEMALE, 60 WAY GET-SDM CONNECTOR (SHUNTLESS VERSION) |                      |
| 2 PLC ±0.20                            | 3 PLC ±0.20                            | APPLICATION SPEC         |                                                                |                      |
| 4 PLC ±0.20                            | ANGLES ±0.5                            | 114-13060                | SIZE                                                           | CAGE CODE DRAWING NO |
| MATERIAL                               | FINISH                                 | WEIGHT                   | A100779                                                        | ©=638595             |
| SEE CALLOUT                            | SEE CALLOUT                            | CUSTOMER DRAWING         | SCALE 2:1                                                      | SHEET 1 OF 10        |











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

|                   |                |                                                      |                                                    |             |
|-------------------|----------------|------------------------------------------------------|----------------------------------------------------|-------------|
| 13577852          | BLACK          | C134                                                 | K5                                                 | 3-1924558-7 |
|                   |                |                                                      |                                                    |             |
|                   |                |                                                      |                                                    |             |
|                   |                |                                                      |                                                    |             |
|                   |                |                                                      |                                                    |             |
| 13502172          | BLACK          | C130                                                 | K3                                                 | 2-1924558-2 |
| 13502171          | BLACK          | C120                                                 | K3                                                 | 2-1924558-1 |
| 13502170          | BLACK          | C42                                                  | K6                                                 | 2-1924558-0 |
| 13502169          | BLACK          | C91                                                  | K6                                                 | 1-1924558-9 |
| 19206496          | BLACK          | C125                                                 | K4                                                 | 1-1924558-8 |
| 19206495          | BLACK          | C126                                                 | K2                                                 | 1-1924558-7 |
| 19206494          | BLACK          | C125                                                 | K1                                                 | 1-1924558-6 |
| 19206493          | BLACK          | C124                                                 | K3                                                 | 1-1924558-5 |
| 19206492          | BLACK          | C123                                                 | K3                                                 | 1-1924558-4 |
|                   |                |                                                      |                                                    |             |
|                   |                |                                                      |                                                    |             |
|                   |                |                                                      |                                                    |             |
| 19206488          | BLACK          | C46                                                  | K3                                                 | 1-1924558-0 |
|                   |                |                                                      |                                                    |             |
| 19152767          | BLACK          | C37                                                  | K2                                                 | 1924558-8   |
| 19180411          | BLACK          | C22                                                  | K3                                                 | 1924558-7   |
|                   |                |                                                      |                                                    |             |
| 19179682          | BLACK          | C22                                                  | K6                                                 | 1924558-5   |
|                   |                |                                                      |                                                    |             |
|                   |                |                                                      |                                                    |             |
| 19179684          | BLACK          | C29                                                  | K5                                                 | 1924558-2   |
| 19179685          | BLACK          | C28                                                  | K2                                                 | 1924558-1   |
| GM<br>PART NUMBER | SLIDE<br>COLOR | CIRCUIT<br>ARRANGEMENT<br>(SEE TABLE<br>ON SH 5 & 6) | KEYING<br>ARRANGEMENT<br>(SEE TABLE<br>ON SHEET 5) | PART NUMBER |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN  
J.R. SHUEY 31MAR2000

CHK  
V.KANE 31MAR2000

APVD  
J.M. MYER 31MAR2000

DIMENSIONS:

mm

0 PLC ±  
1 PLC ±0.5  
2 PLC ±0.20  
3 PLC ±  
4 PLC ±  
ANGLES ±  
FINISH

TOLERANCES UNLESS  
OTHERWISE SPECIFIED:

0 PLC ±  
1 PLC ±0.5  
2 PLC ±0.20  
3 PLC ±  
4 PLC ±  
ANGLES ±  
FINISH

MATERIAL  
-  
SEE CALLOUT

TOLERANCES UNLESS  
OTHERWISE SPECIFIED:

0 PLC ±  
1 PLC ±0.5  
2 PLC ±0.20  
3 PLC ±  
4 PLC ±  
ANGLES ±  
FINISH

WEIGHT  
-

CUSTOMER DRAWING

NAME

ASSEMBLY, FEMALE,  
60 WAY GET-SDM CONNECTOR  
(SHUNTLESS VERSION)

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A100779

638595

SCALE 2:1

SHEET 4 OF 10

REV BA3

4805 (3/13)



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

NOT INTENDED FOR PRODUCTION USE

SERVICE PART

|   |                |                                                     |                                                    |             |
|---|----------------|-----------------------------------------------------|----------------------------------------------------|-------------|
| 9 | BLACK          | C3                                                  | K0                                                 | 8-184464-7  |
|   | SLIDE<br>COLOR | CIRCUIT<br>ARRANGEMENT<br>(SEE TABLE<br>ON SHEET 4) | KEYING<br>ARRANGEMENT<br>(SEE TABLE<br>ON SHEET 4) | PART NUMBER |

NOT INTENDED FOR PRODUCTION USE

SERVICE PART

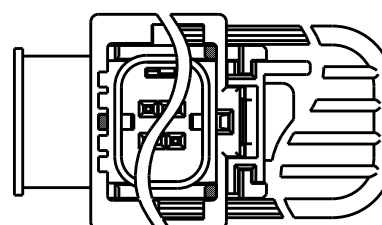
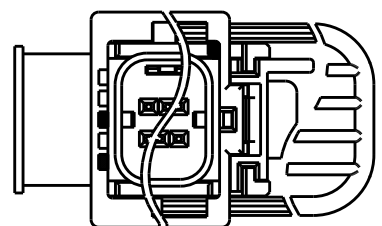
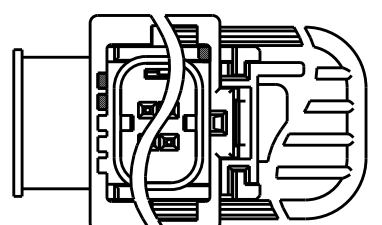
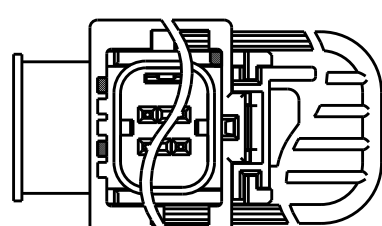
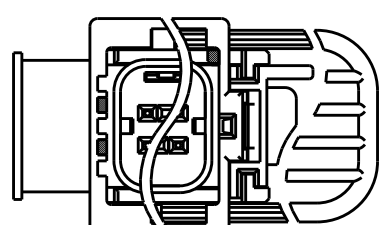
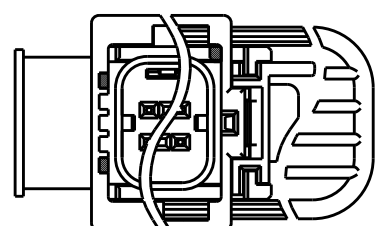
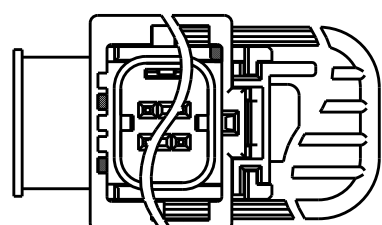
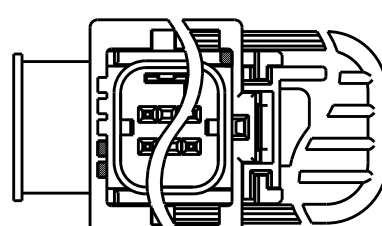
|                                             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|---------------------------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1                                           | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
|                                             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 31                                          | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| CIRCUIT ARRANGEMENT                         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| [X] INDICATES UNAVAILABLE (BLOCKED) CIRCUIT |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| C3                                          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |

|                                                                                 |                  |
|---------------------------------------------------------------------------------|------------------|
|                                                                                 | K0<br>(OPTIONAL) |
|                                                                                 | K0               |
| KEYING ARRANGEMENT<br>( [ ] INDICATES PRESENCE OF<br>KEYWAY OR ABSENCE OF KEY ) |                  |

|                                        |  |                            |                                                                      |               |
|----------------------------------------|--|----------------------------|----------------------------------------------------------------------|---------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN. J. R. SHUEY 31MAR2000 | TE Connectivity                                                      |               |
|                                        |  | CHK. V. KANE 31MAR2000     |                                                                      |               |
| DIMENSIONS:                            |  | APVD. J. M. MYER 31MAR2000 | NAME                                                                 |               |
| mm                                     |  | PRODUCT SPEC               | ASSEMBLY, FEMALE,<br>60 WAY GET-SDM CONNECTOR<br>(SHUNTLESS VERSION) |               |
|                                        |  | APPLICATION SPEC           |                                                                      |               |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: |  | WEIGHT                     | SIZE A1                                                              | RESTRICTED TO |
| 0 PLC ±.1                              |  | CUSTOMER DRAWING           | CAGE CODE 00779                                                      | 5 OF 10       |
| 1 PLC ±0.5                             |  |                            | DRAWING NO. 638595                                                   | REVISION A3   |
| 2 PLC ±0.20                            |  |                            |                                                                      |               |
| 3 PLC ±.1                              |  |                            |                                                                      |               |
| 4 PLC ±.1                              |  |                            |                                                                      |               |
| ANGLES FINISH                          |  |                            |                                                                      |               |
| MATERIAL -                             |  |                            |                                                                      |               |
| SEE CALLOUT                            |  |                            |                                                                      |               |



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

|                                                                                       |       |
|---------------------------------------------------------------------------------------|-------|
|    | K 9 9 |
|    | K 7   |
|   | K 6   |
|  | K 5   |
|  | K 4   |
|  | K 3   |
|  | K 2   |
|  | K 1   |

KEYING ARRANGEMENT  
(  INDICATES PRESENCE OF  
KEYWAY OR ABSENCE OF KEY )

|                                           |  |  |                  |             |           |                                                                                                                                                                                                    |  |  |
|-------------------------------------------|--|--|------------------|-------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.    |  |  | DWN              | J. R. SHUEY | 31MAR2000 | <div> TE Connectivity</div> <div>ASSEMBLY, FEMALE,<br/>60 WAY GET SDM CONNECTOR<br/>(SHUNTLESS VERSION)</div> |  |  |
| DIMENSIONS:                               |  |  | CHK              | V. KANE     | 31MAR2000 |                                                                                                                                                                                                    |  |  |
| mm                                        |  |  | APVD             | J. M. MYER  | 31MAR2000 |                                                                                                                                                                                                    |  |  |
| TOLERANCES UNLESS<br>OTHERWISE SPECIFIED: |  |  | PRODUCT SPEC     |             |           |                                                                                                                                                                                                    |  |  |
| 0 PLC ±                                   |  |  | APPLICATION SPEC |             |           |                                                                                                                                                                                                    |  |  |
| 1 PLC ±0.5                                |  |  | 114-13060        |             |           |                                                                                                                                                                                                    |  |  |
| 2 PLC ±0.20                               |  |  | WEIGHT           |             |           |                                                                                                                                                                                                    |  |  |
| 3 PLC ±                                   |  |  | CUSTOMER DRAWING |             |           |                                                                                                                                                                                                    |  |  |
| 4 PLC ±                                   |  |  | SCALE            |             |           |                                                                                                                                                                                                    |  |  |
| ANGLES ±                                  |  |  | 2:1              |             |           |                                                                                                                                                                                                    |  |  |
| FINISH                                    |  |  | SHEET            |             |           |                                                                                                                                                                                                    |  |  |
| SEE CALLOUT                               |  |  | 6                |             |           |                                                                                                                                                                                                    |  |  |
| SEE CALLOUT                               |  |  | OF 10            |             |           |                                                                                                                                                                                                    |  |  |
| SEE CALLOUT                               |  |  | REV              |             |           |                                                                                                                                                                                                    |  |  |
| SEE CALLOUT                               |  |  | BA3              |             |           |                                                                                                                                                                                                    |  |  |

















## 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

### Офис по работе с юридическими лицами:

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