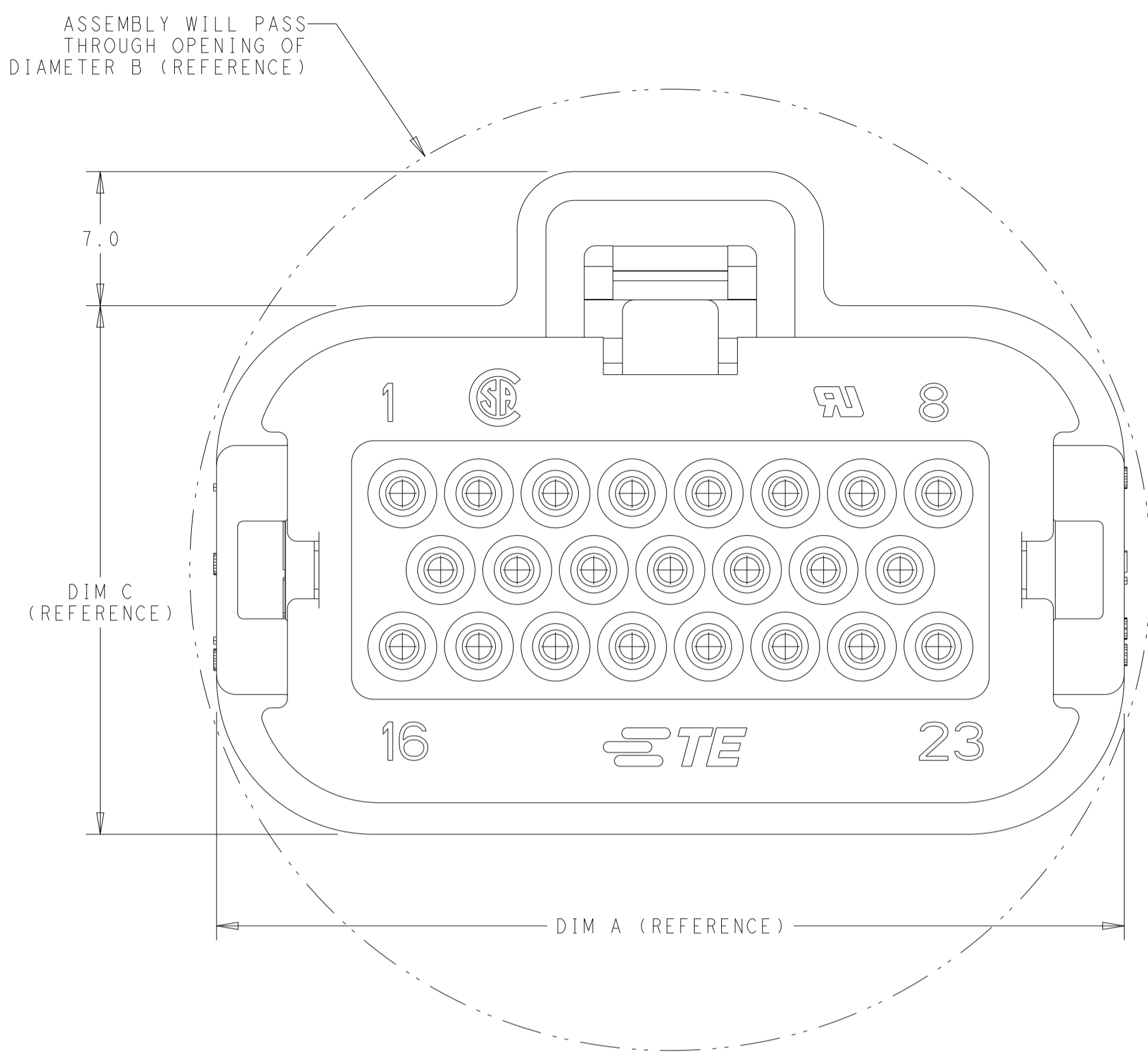
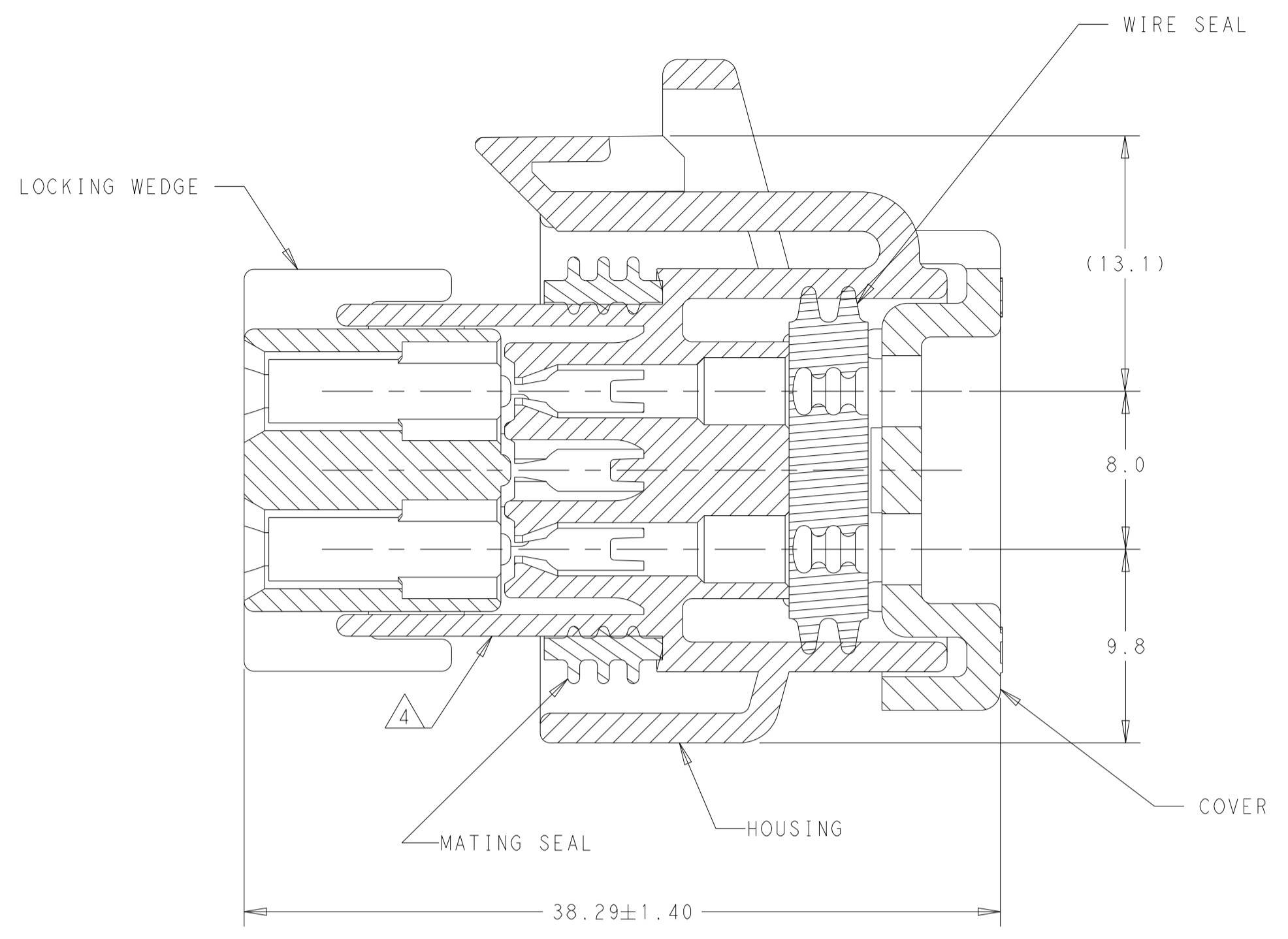


| REVISIONS |               |             |           |         |
|-----------|---------------|-------------|-----------|---------|
| P         | LTN           | DESCRIPTION | DATE      | APVD    |
| E1        | ECR-22-157945 |             | 10NOV2022 | DS DS   |
| E2        | ECR-23-179751 |             | 28JUN2023 | DCS DCS |



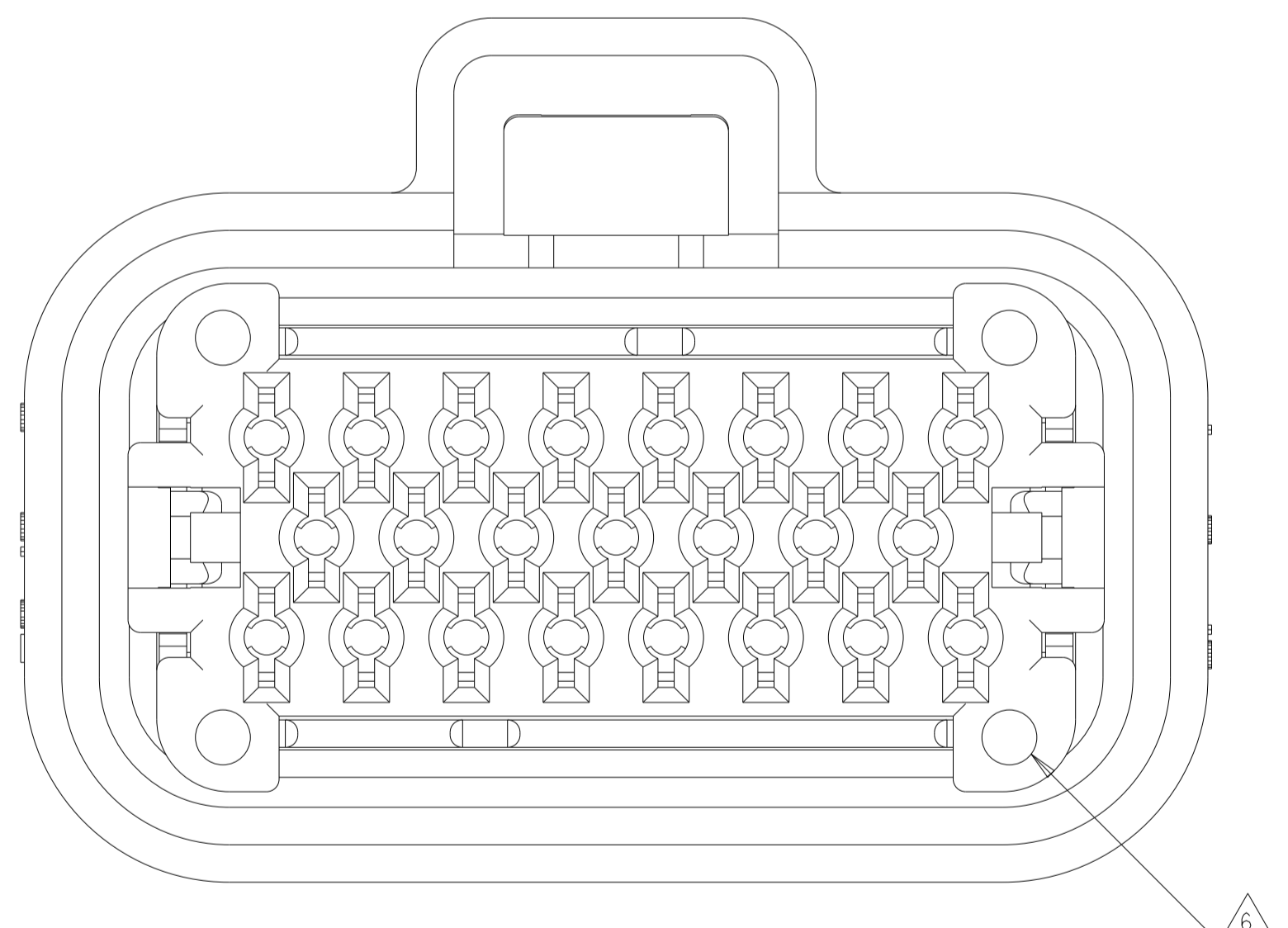
- MATERIAL: HOUSING - UL94V-0 PBT  
 LOCKING WEDGE - UL94V-0 PBT, RED  
 COVER - UL94V-0 PBT, BLACK  
 MATING SEAL - SILICONE  
 WIRE SEAL - SILICONE
  - HOUSING COLORS ARE MECHANICALLY KEYED TO MATE WITH IDENTICALLY COLORED HEADER ASSEMBLIES
  - PLUG USES REELED TERMINAL 770520 OR LOOSE PIECE TERMINAL 770854. SEE TABLE 1 FOR WIRE RANGE
- △4 DATE CODE ON THIS SURFACE. USES 5 DIGIT CODE: FIRST 2 DIGITS = YEAR, SECOND 2 DIGITS = WEEK, LAST DIGIT = DAY
- △5 CIRCUITS 3, 7, 16, 17, 21, 22 BLOCKED
- △6 OPTIONAL VOID CORING ON 35 POSITION PLUG ASSEMBLY 776164

23-POSITION CONNECTOR SHOWN, SEE TABLE BELOW FOR ALTERNATE DIMENSIONS.

| CONNECTOR SIZE | A    | B  | C     |
|----------------|------|----|-------|
| 8-POSITION     | 27.4 | 40 | 27.50 |
| 14-POSITION    | 35.4 | 44 | 27.60 |
| 23-POSITION    | 47.4 | 50 | 27.60 |
| 35-POSITION    | 63.4 | 66 | 27.45 |

| TERMINAL PART NUMBER        | WIRE SIZE       |        | INSULATION RANGE |
|-----------------------------|-----------------|--------|------------------|
|                             | mm <sup>2</sup> | AWG    |                  |
| 770520-1<br>AND<br>770520-3 | 0.5             | 20 TXL | 1.7-2.7          |
|                             | 0.8             | 18 TXL |                  |
|                             | 1.0 FLY         | -      | 2.2-2.4          |
|                             | 1.5             | 16 TXL |                  |
|                             | 1.5 FLY         | -      |                  |

TABLE 1



BOTTOM VIEW WITH LOCKING WEDGE

| PART NUMBER    | MATING HEADER  | WIRE SEAL COLOR | MATING SEAL COLOR | HOUSING COLOR | NO. OF POSITIONS | PART NUMBER |
|----------------|----------------|-----------------|-------------------|---------------|------------------|-------------|
|                |                |                 |                   |               |                  |             |
| 776230, 776231 | 776180, 776163 | RED             | RED               | RED           | 35-POSITION      | 776164-6    |
|                |                |                 |                   |               |                  | 776164-5    |
|                |                |                 |                   |               |                  | 776164-4    |
|                |                |                 |                   |               |                  | 776164-2    |
| 776200, 776228 | 770669, 776087 | GREEN           | RED               | RED           | 23-POSITION      | 770680-5    |
|                |                |                 |                   |               |                  | 770680-4    |
|                |                |                 |                   |               |                  | △5 770680-3 |
|                |                |                 |                   |               |                  | 770680-2    |
| 776261, 776262 | 776266, 776267 | GREEN           | GREEN             | GREEN         | 14-POSITION      | 776273-5    |
|                |                |                 |                   |               |                  | 776273-4    |
|                |                |                 |                   |               |                  | 776273-2    |
|                |                |                 |                   |               |                  | 776273-1    |
| 776275, 776276 | 776279, 776280 | YELLOW          | YELLOW            | YELLOW        | 8-POSITION       | 776286-2    |
|                |                |                 |                   |               |                  | 776286-1    |

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 CHK: D. STRAUSSER 29JUN2015  
 APVD: G. BROWN 29JUN2015

DIMENSIONS: mm TOLERANCES UNLESS OTHERWISE SPECIFIED:  
 0 PLC ±0.2  
 1 PLC ±0.2  
 2 PLC ±0.2  
 3 PLC ±0.2  
 4 PLC ±0.2  
 ANGLES FINISH ±0.1

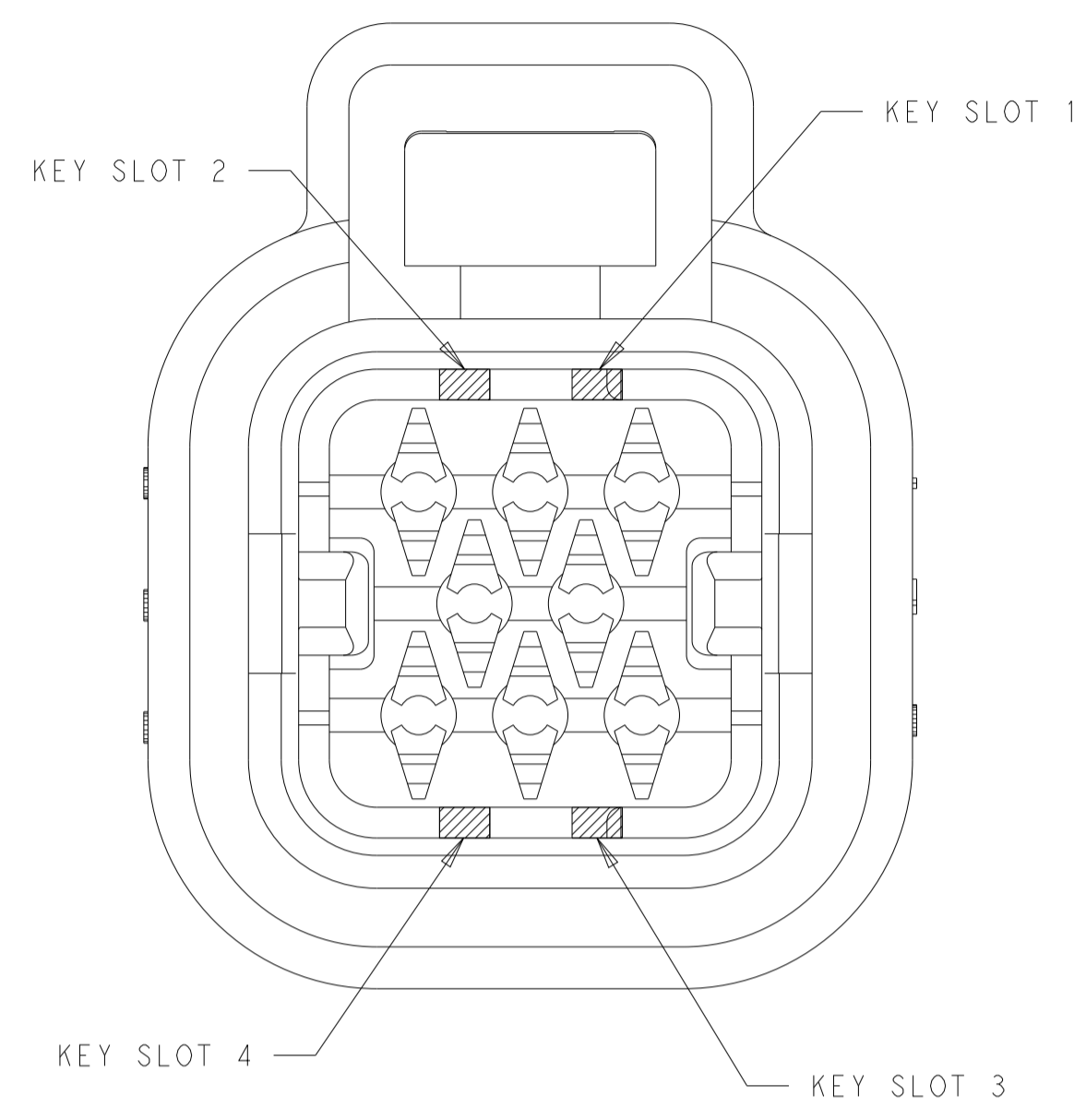
MATERIAL: SEE NOTE 1

THIS DRAWING IS A CONTROLLED DOCUMENT. DWG: A. MARTIN 11JUN2015  
 CHK: D. STRAUSSER 29JUN2015  
 APVD: G. BROWN 29JUN2015

NAME: PLUG ASSEMBLY, AMPSEAL FAMILY DRAWING  
 PRODUCT SPEC: 108-1329  
 APPLICATION SPEC: 114-16016  
 WEIGHT: -  
 CUSTOMER DRAWING

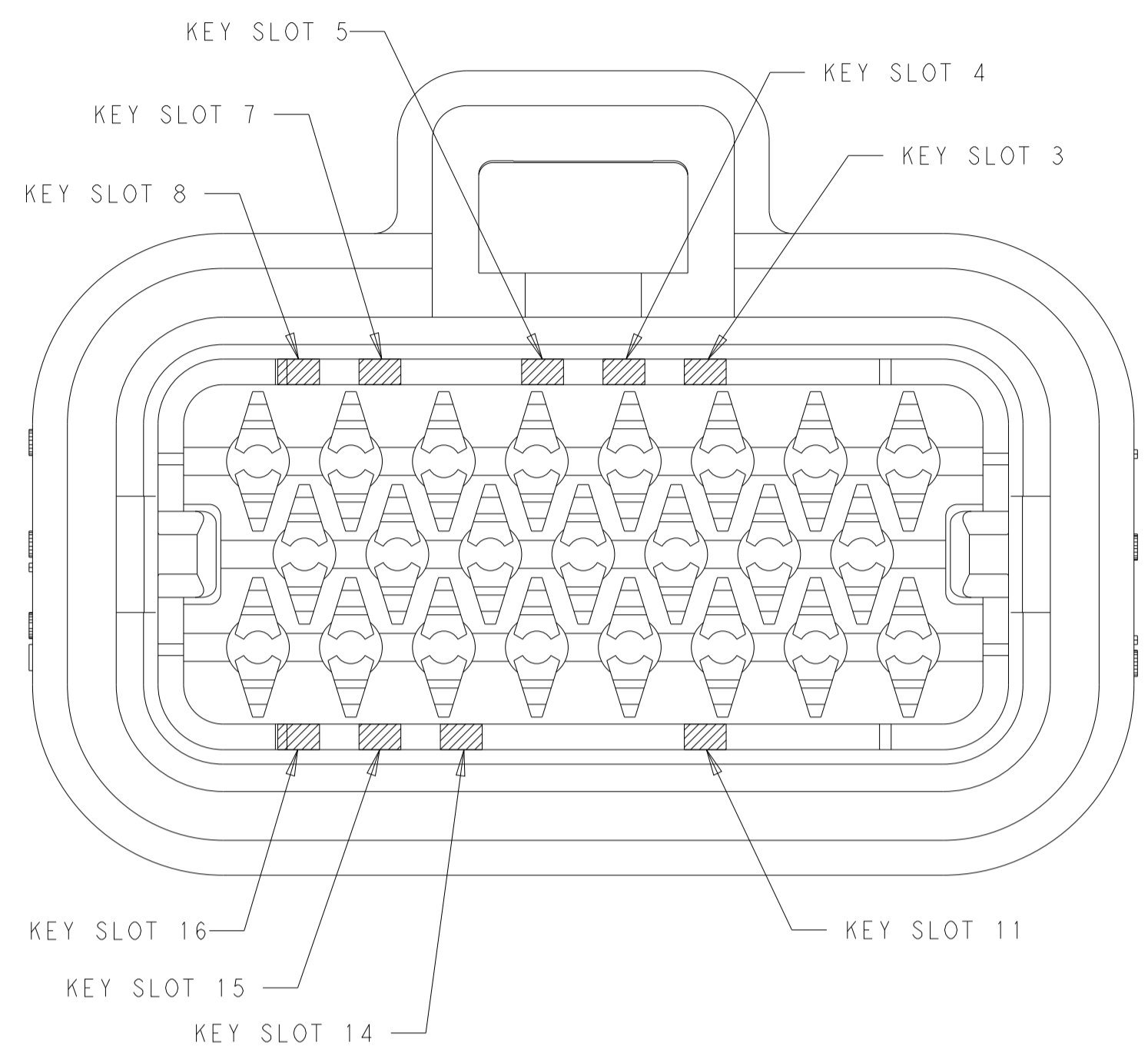
SCALE: 4:1 SHEET 1 OF 2 REV: E2

| REVISIONS |     |             |      |      |
|-----------|-----|-------------|------|------|
| P         | LTN | DESCRIPTION | DATE | APVD |
| -         | -   | SEE SHEET 1 | -    | -    |
|           |     |             |      |      |
|           |     |             |      |      |



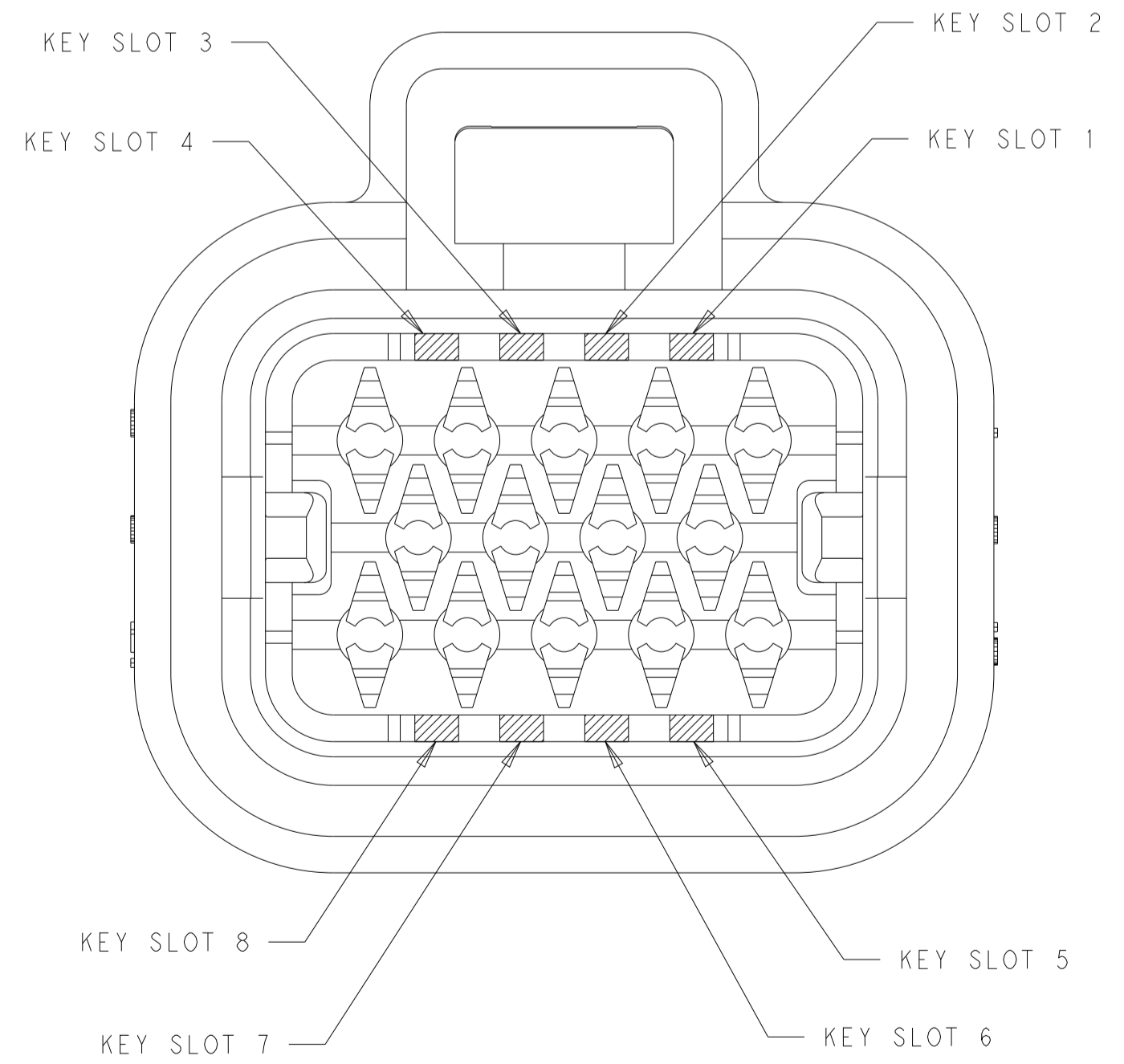
|                                    |         |             |
|------------------------------------|---------|-------------|
| 1 & 3                              | NATURAL | 776286-2    |
| 2 & 4                              | BLACK   | 776286-1    |
| KEY SLOT LOCATION (SEE VIEW ABOVE) | COLOR   | PART NUMBER |

8-POSITION CONNECTOR  
KEY SLOT LOCATIONS  
SCALE 4:1



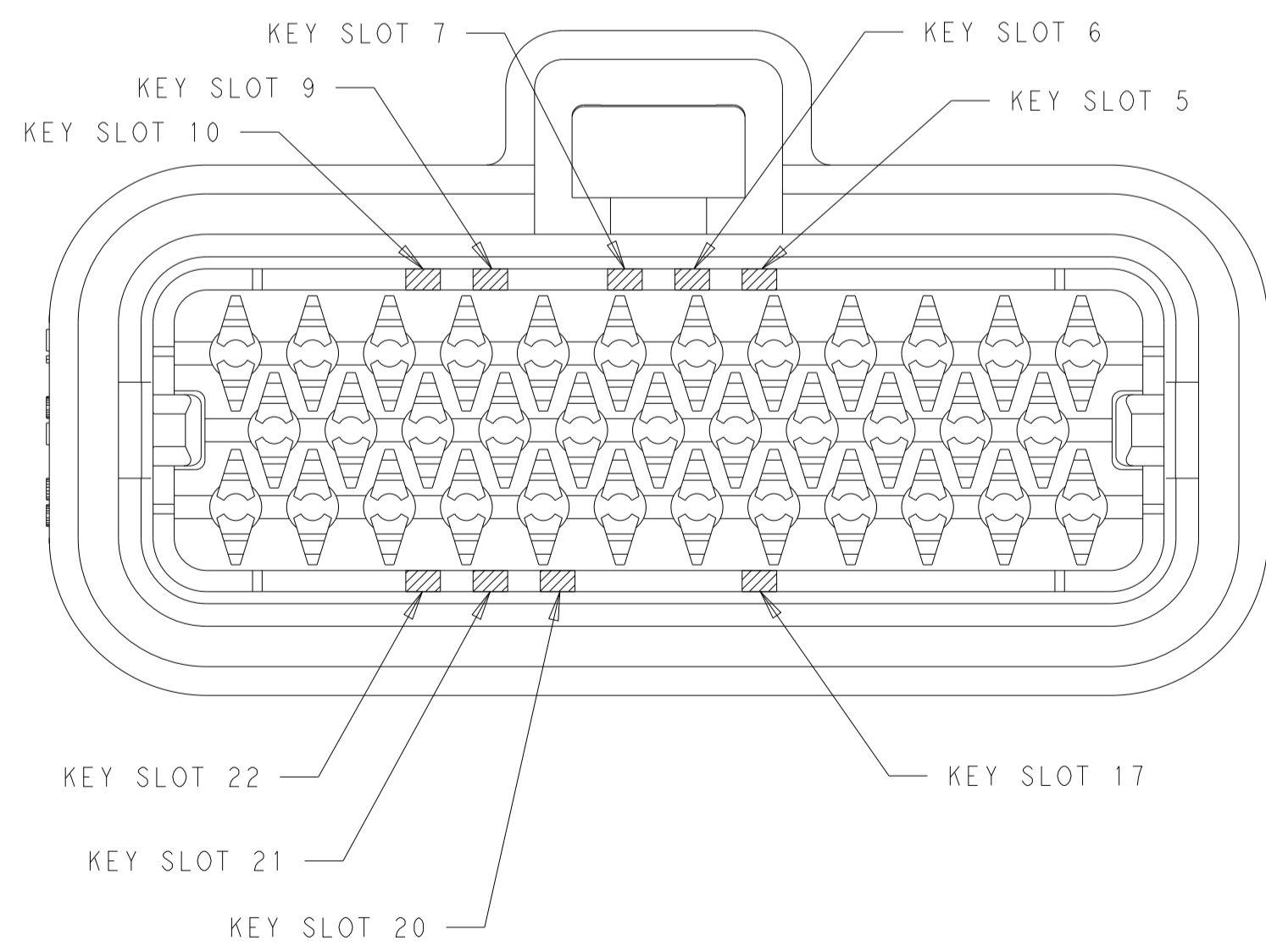
|                                    |         |             |
|------------------------------------|---------|-------------|
| 3, 8 & 16                          | BLUE    | 770680-5    |
| 7 & 15                             | GREY    | 770680-4    |
| 4 & 14                             | BLACK   | 770680-3    |
| 5 & 11                             | NATURAL | 770680-2    |
| 4 & 14                             | BLACK   | 770680-1    |
| KEY SLOT LOCATION (SEE VIEW ABOVE) | COLOR   | PART NUMBER |

23-POSITION CONNECTOR  
KEY SLOT LOCATIONS  
SCALE 4:1



|                                    |         |             |
|------------------------------------|---------|-------------|
| 3 & 5                              | BLUE    | 776273-5    |
| 2 & 8                              | GREY    | 776273-4    |
| 1 & 6                              | NATURAL | 776273-2    |
| 3 & 7                              | BLACK   | 776273-1    |
| KEY SLOT LOCATION (SEE VIEW ABOVE) | COLOR   | PART NUMBER |

14-POSITION CONNECTOR  
KEY SLOT LOCATIONS  
SCALE 4:1



|                                    |         |             |
|------------------------------------|---------|-------------|
| 7 & 22                             | ORANGE  | 776164-6    |
| 5, 10, 22                          | BLUE    | 776164-5    |
| 9 & 21                             | GREY    | 776164-4    |
| 7 & 17                             | NATURAL | 776164-2    |
| 6 & 20                             | BLACK   | 776164-1    |
| KEY SLOT LOCATION (SEE VIEW ABOVE) | COLOR   | PART NUMBER |

35-POSITION CONNECTOR  
KEY SLOT LOCATIONS  
SCALE 3:1

|  |  |   |                  |
|--|--|---|------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.   |  | OWN: A. MARTIN 11JUN2015                    | TE Connectivity  |
| DIMENSIONS: mm   |  | CHK: D. STRAUSSER 29JUN2015                 |                  |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:   |  | APVD: G. BROWN 29JUN2015                    |                  |
| 0 PLC ±<br>1 PLC ±0.2<br>2 PLC ±<br>3 PLC ±<br>4 PLC ±<br>ANGLES ±<br>FINISH ± |  | NAME: PLUG ASSEMBLY, AMPSEAL FAMILY DRAWING |                  |
| MATERIAL: SEE NOTE 1   |  | SIZE: 108-1329                              | RESTRICTED TO: - |
|  |  | APPLICATION SPEC: 114-16016                 | SCALE: 1:1       |
|  |  | WEIGHT: -                                   | SHEET 2 OF 2     |
|  |  | CUSTOMER DRAWING                            | REV: E2          |