

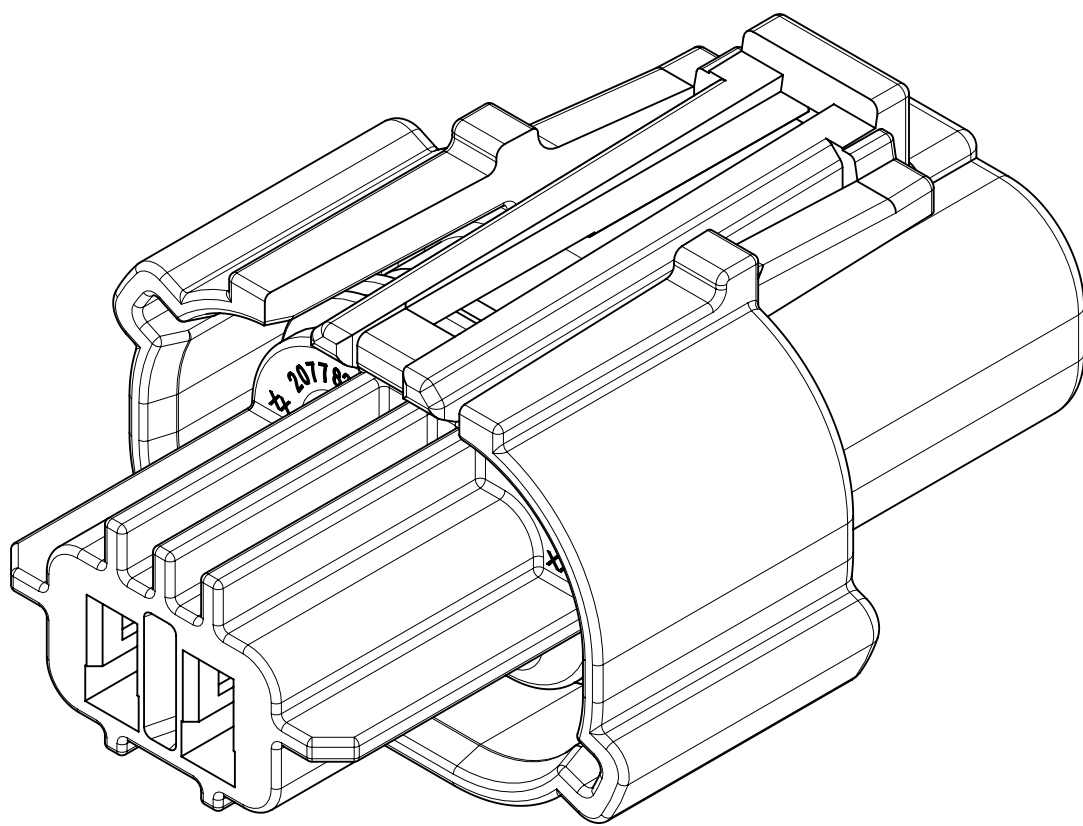
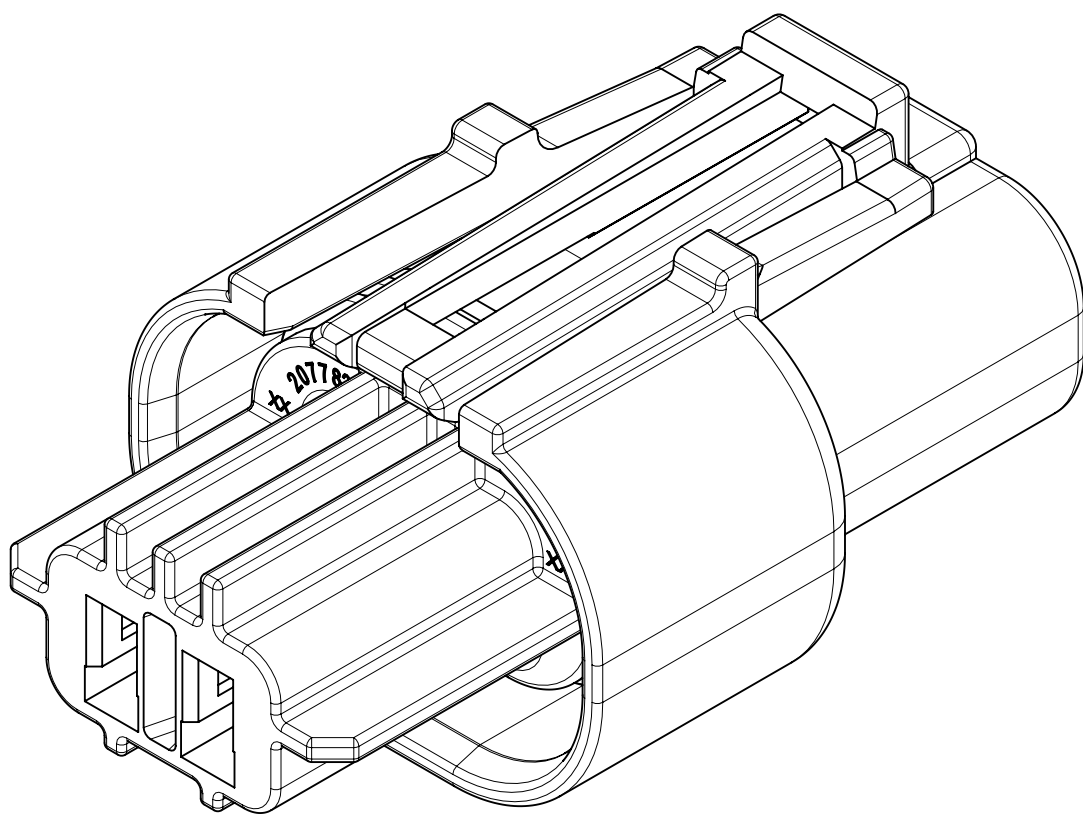
CIRCUIT CONFIGURATIONS

CIRCUITE SIZE

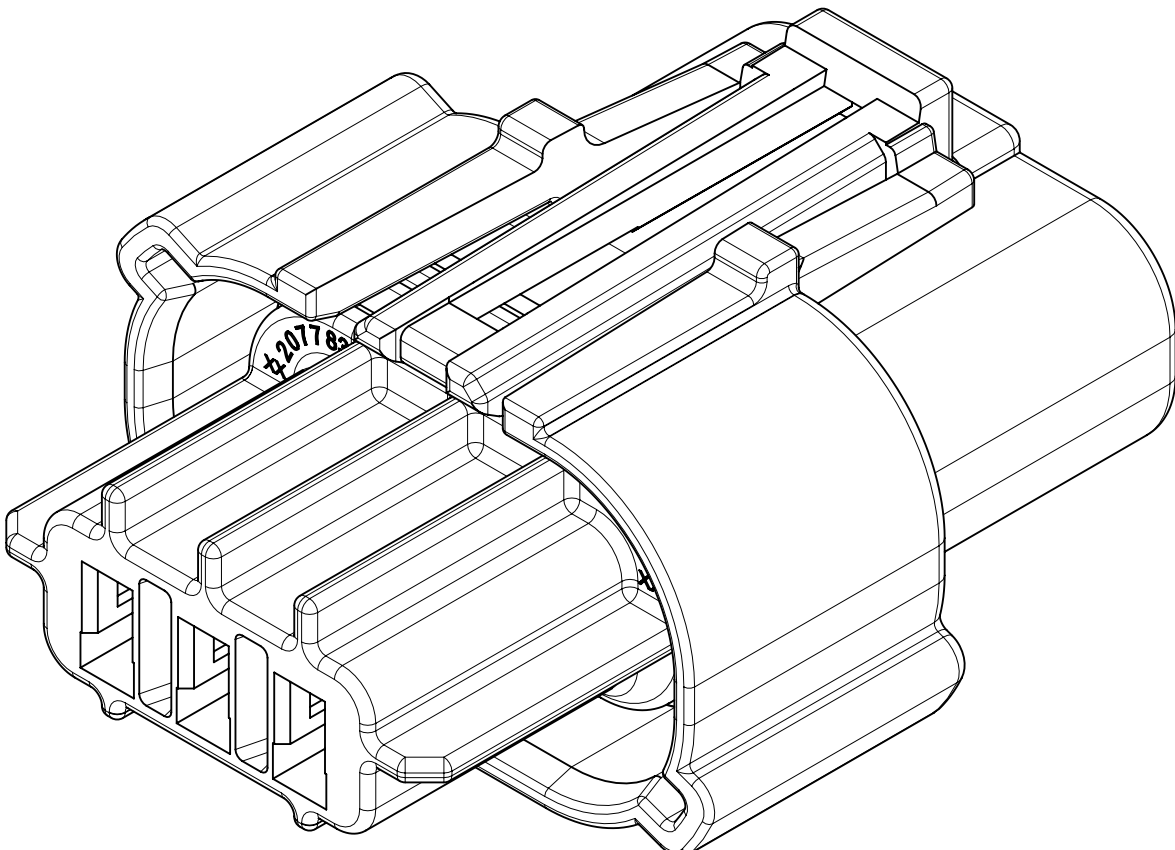
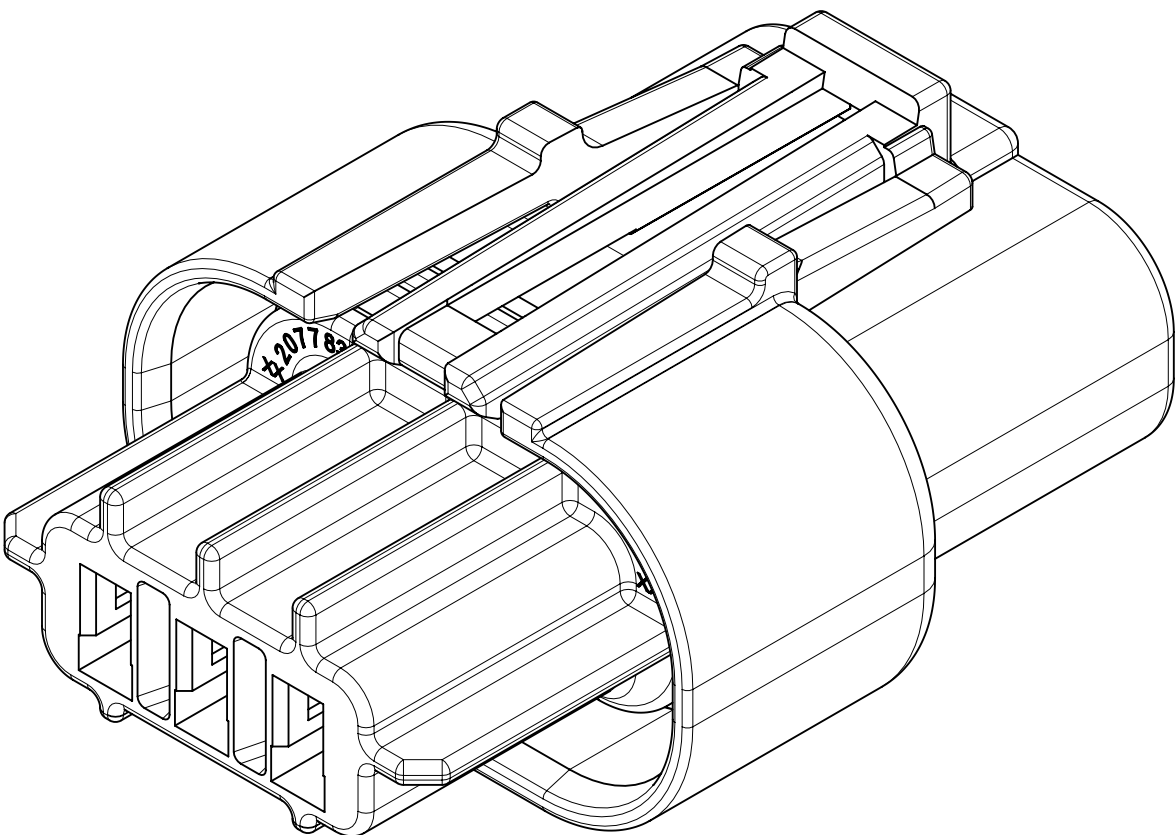
RECEPTACLE SEAL CAP WITHOUT KEY

RECEPTACLE SEAL CAP WITH KEY D

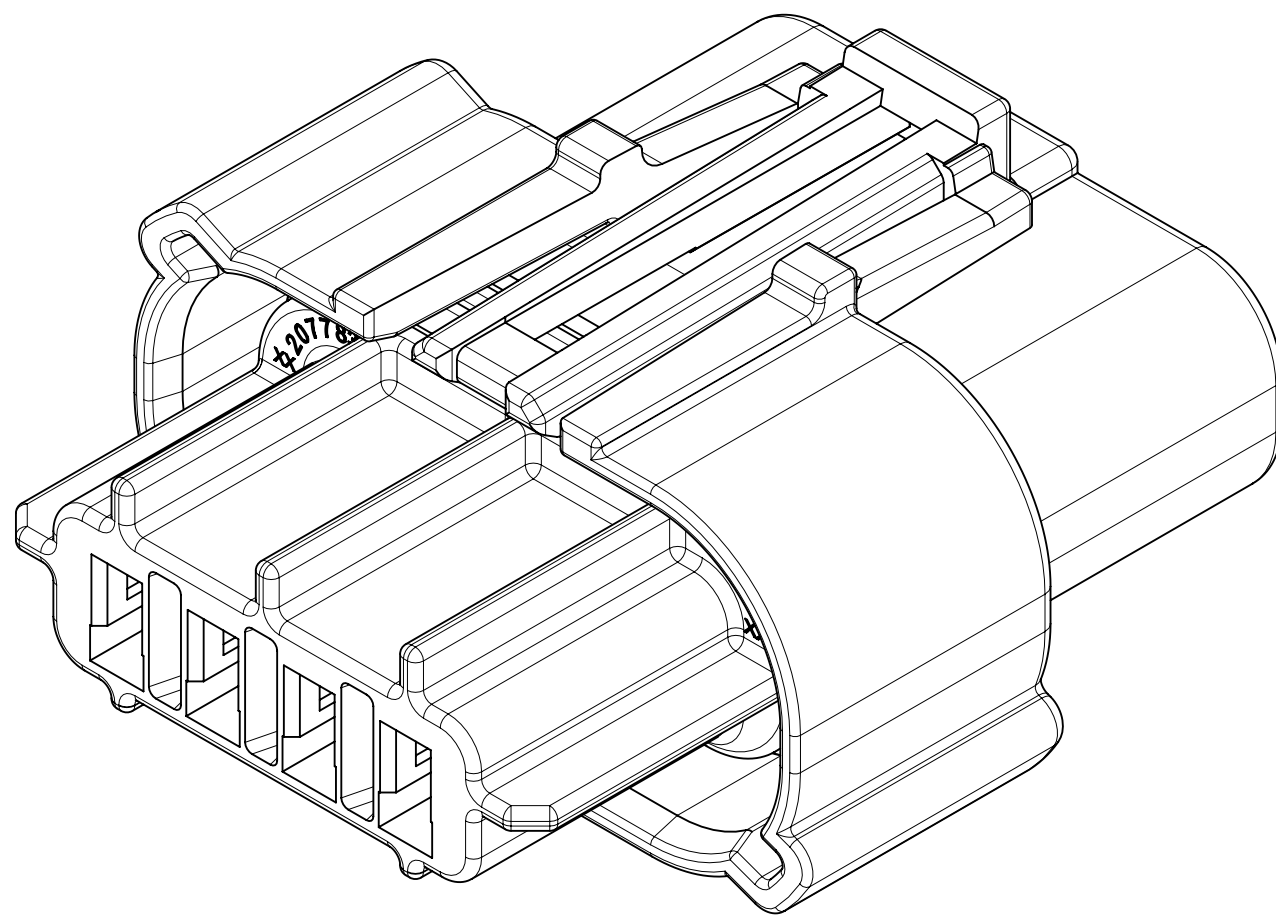
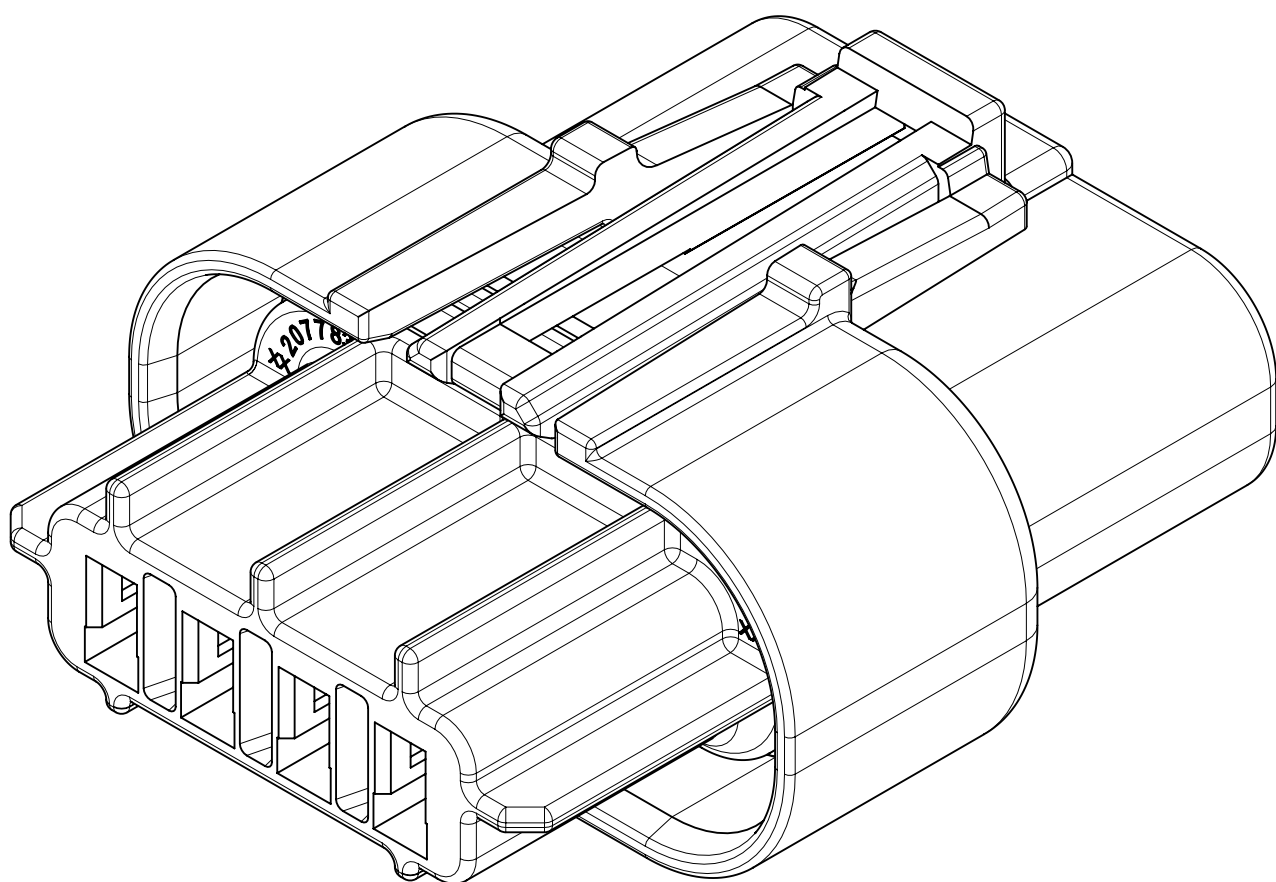
2 CKT



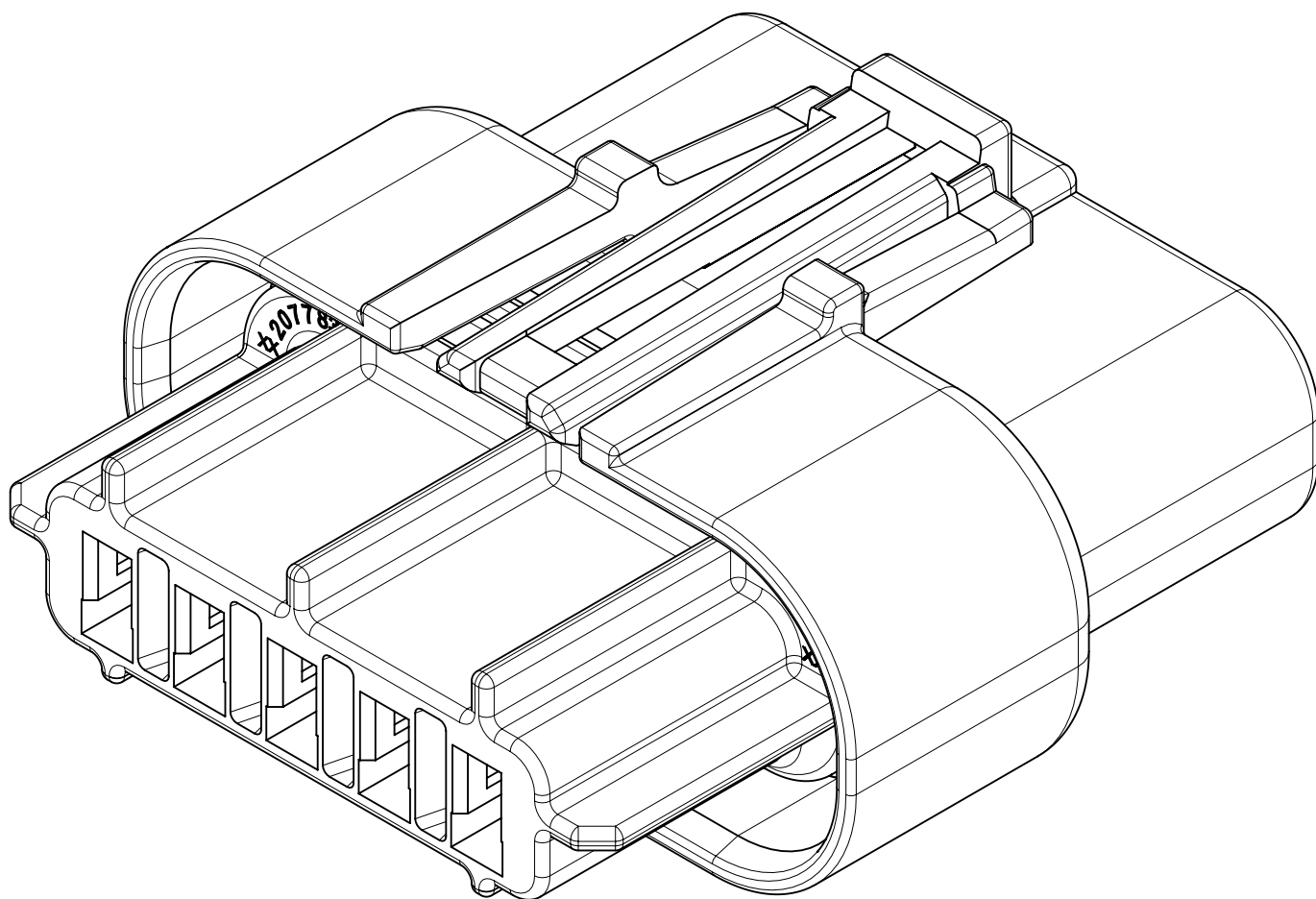
3 CKT



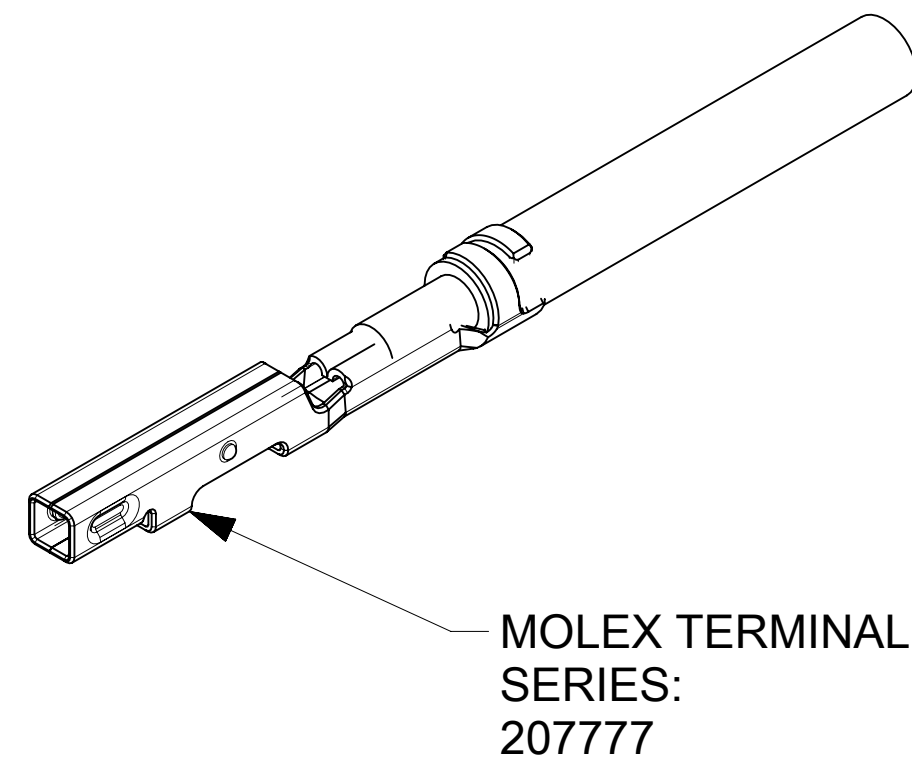
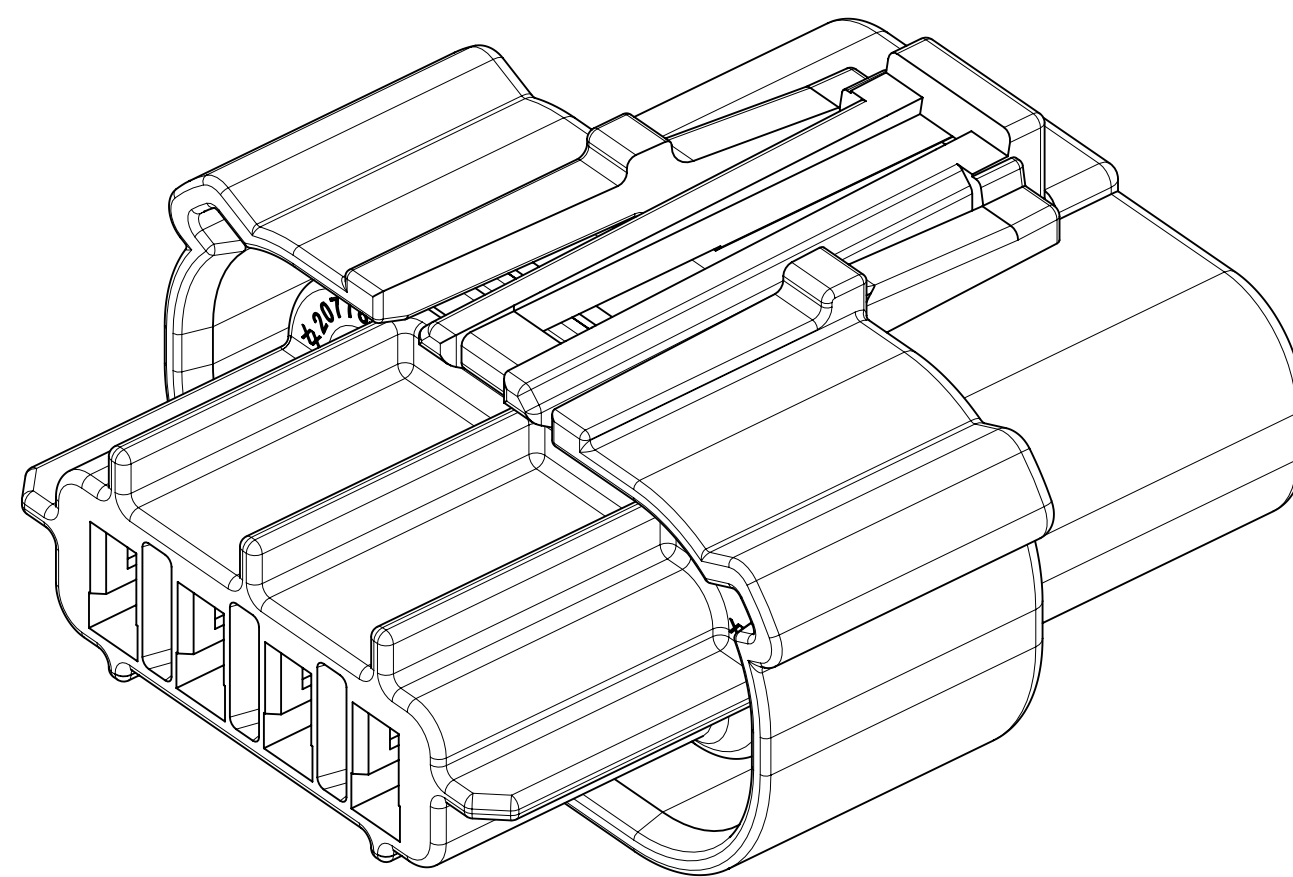
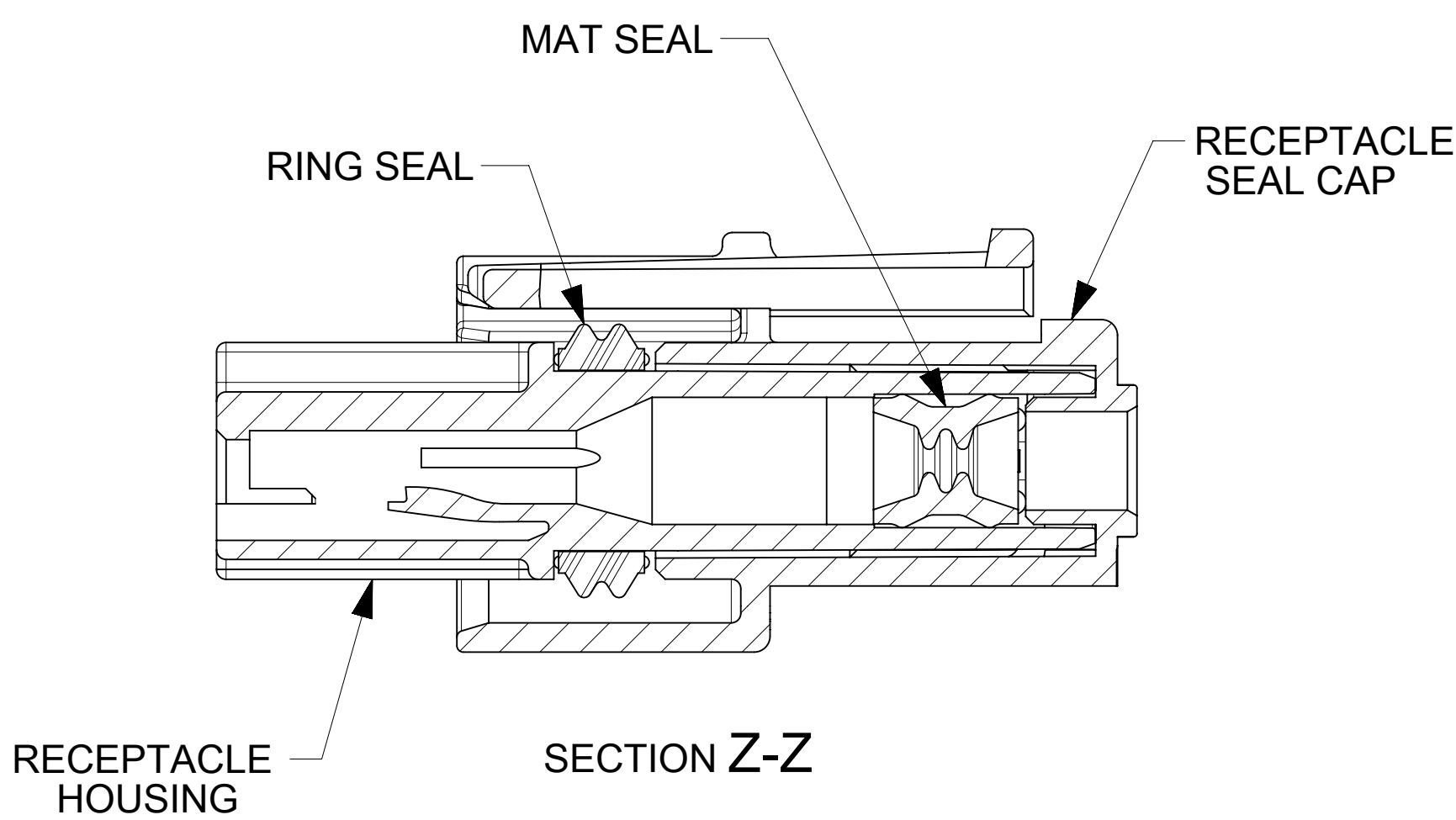
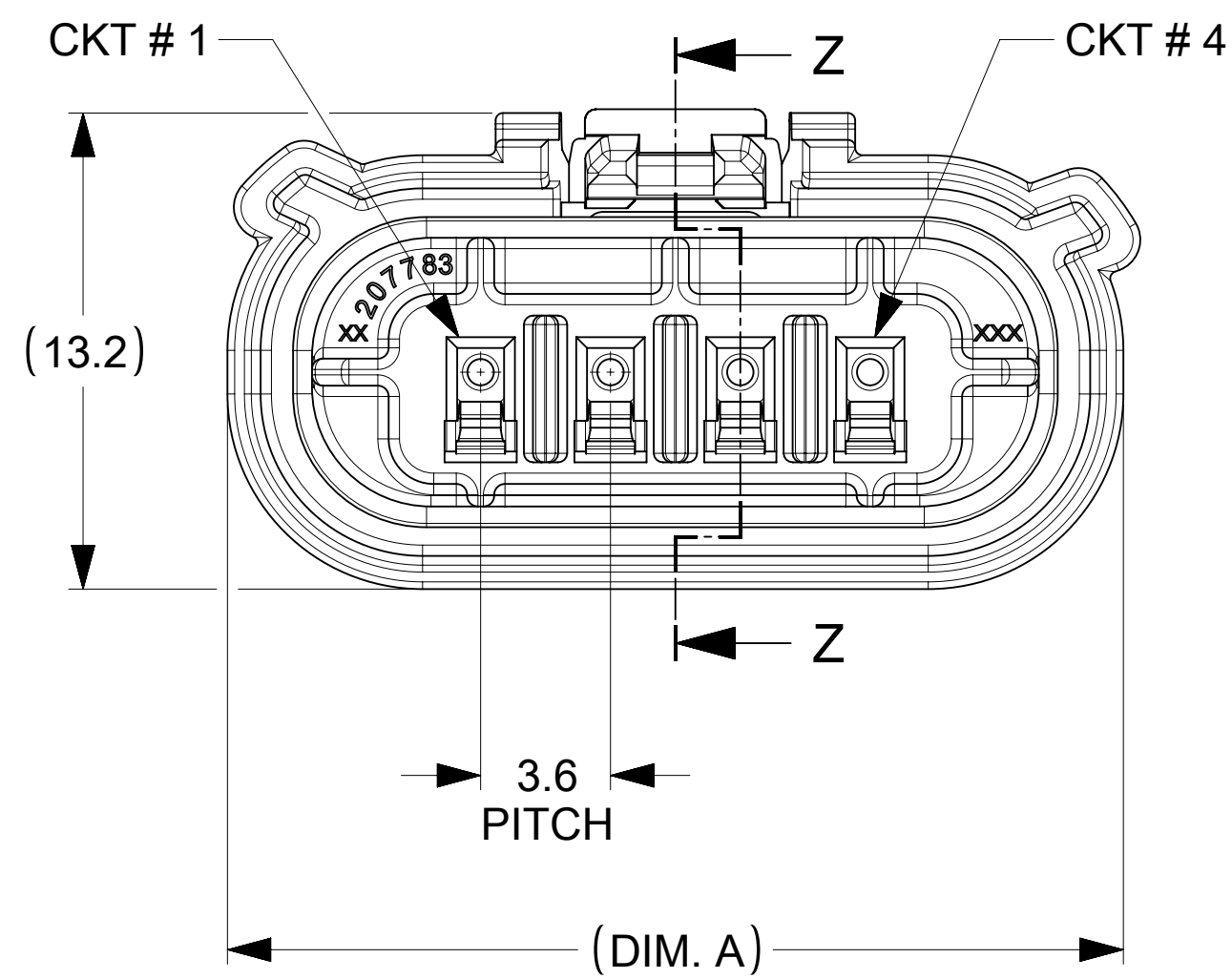
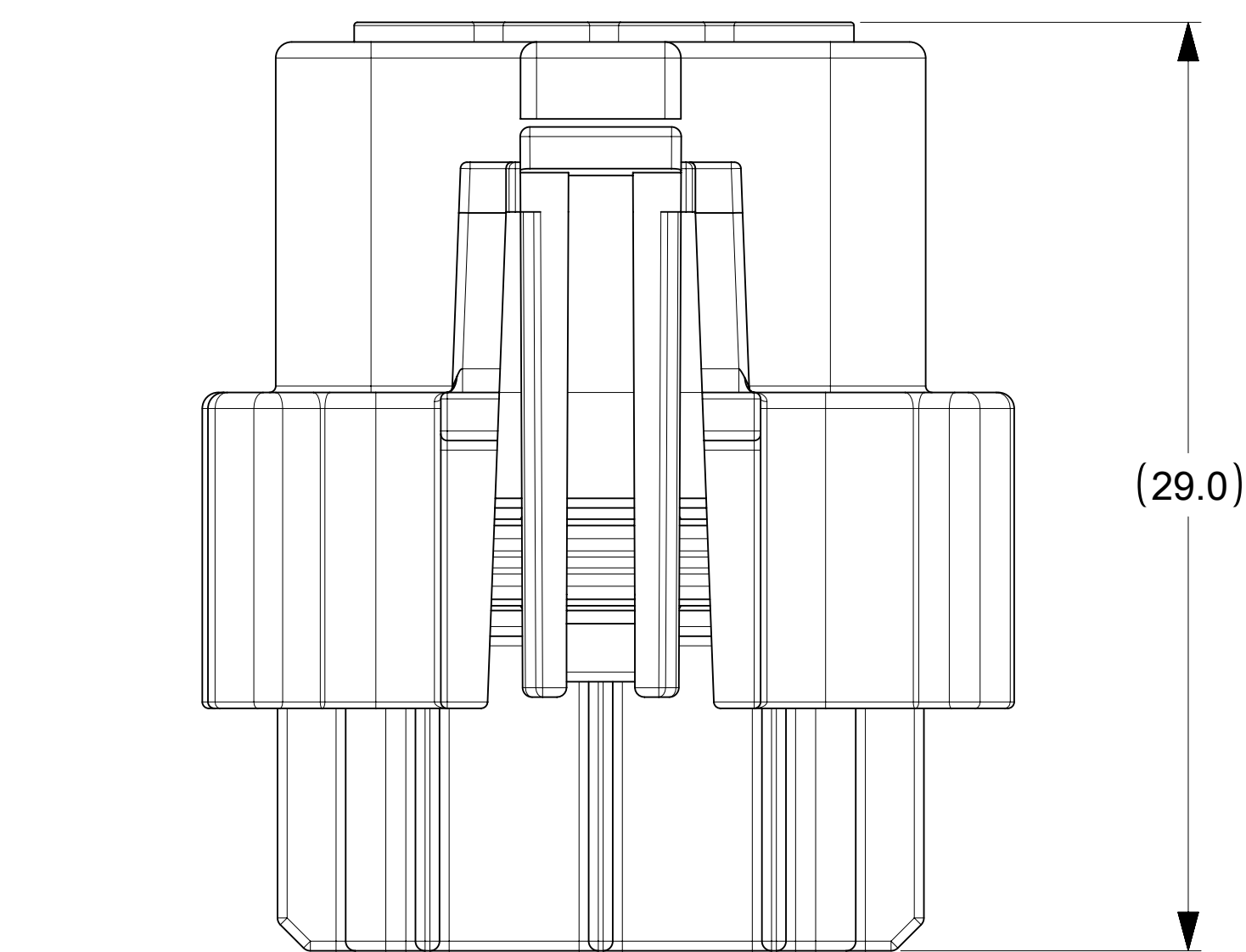
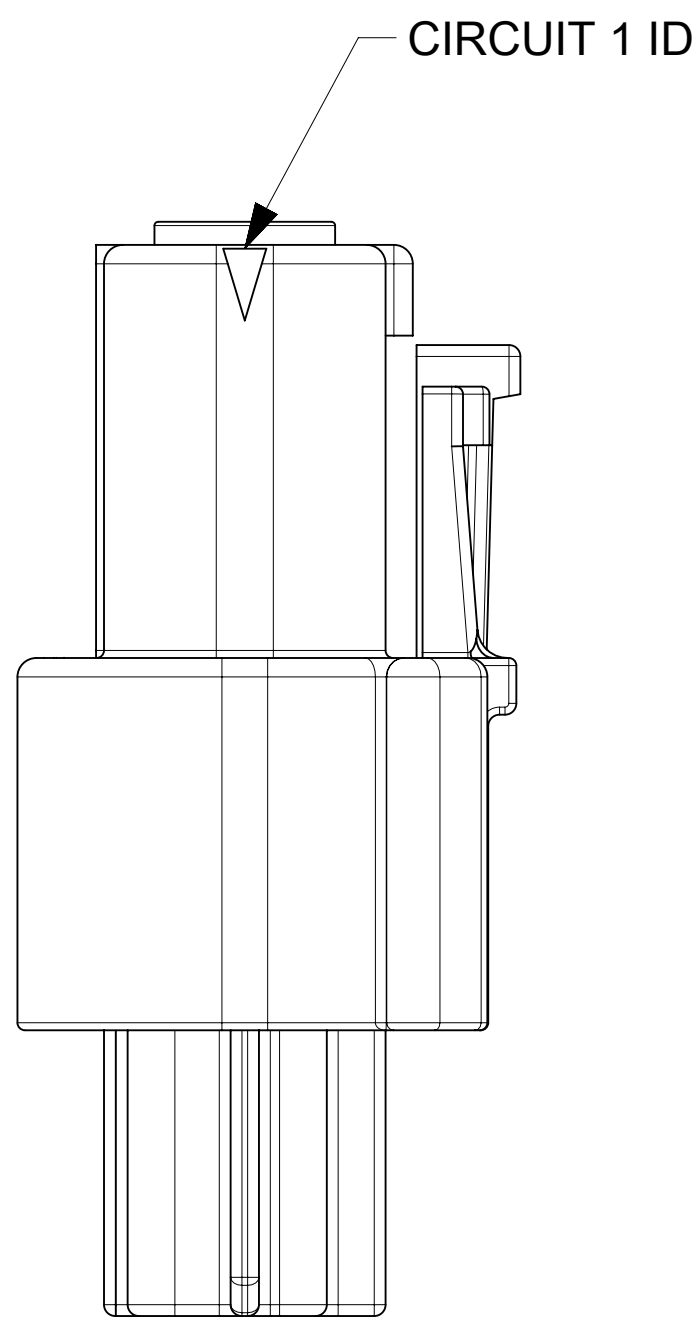
4 CKT



5 CKT



|                                                            |                                                                                                                                               |                        |       |                                                            |                                                                                                                          |        |                        |                                                                        |         |                |                                  |              |                 |  |          |  |          |  |          |  |
|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------|------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|--------|------------------------|------------------------------------------------------------------------|---------|----------------|----------------------------------|--------------|-----------------|--|----------|--|----------|--|----------|--|
| FUNCTIONAL SYMBOLS                                         | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                        |       |                                                            |                                                                                                                          |        |                        |                                                                        |         |                |                                  |              |                 |  |          |  |          |  |          |  |
|                                                            | DIMENSION UNITS                                                                                                                               |                        | SCALE |                                                            | CURRENT REV DESC: RE-RELEASED FOR CONVERSION ISSUE.                                                                      |        |                        | <div>molex</div>                                                       |         |                |                                  |              |                 |  |          |  |          |  |          |  |
|                                                            | mm                                                                                                                                            |                        | 5:1   |                                                            |                                                                                                                          |        |                        |                                                                        |         |                |                                  |              |                 |  |          |  |          |  |          |  |
|                                                            | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |                        |       |                                                            |                                                                                                                          |        |                        |                                                                        |         |                |                                  |              |                 |  |          |  |          |  |          |  |
|                                                            | ANGULAR TOL                                                                                                                                   |                        | ±     | °                                                          | EC NO: 760095<br>DRWN: GOOLAM<br>CHK'D: GOOLAM<br>APPR: MRAMAKRISHNA<br><br>INITIAL REVISION:<br>DRWN: MUM<br>APPR: NCSR |        |                        | 2023/08/02<br>2023/08/18<br>2023/08/18<br><br>2019/01/30<br>2019/07/03 |         |                | RECEPTACLE ASSEMBLY<br>SQUBA 3.6 |              |                 |  |          |  |          |  |          |  |
| 4 PLACES                                                   |                                                                                                                                               | ±                      |       |                                                            |                                                                                                                          |        |                        |                                                                        |         |                |                                  |              |                 |  |          |  |          |  |          |  |
| 3 PLACES                                                   |                                                                                                                                               | ±                      |       |                                                            |                                                                                                                          |        |                        |                                                                        |         |                |                                  |              |                 |  |          |  |          |  |          |  |
| 2 PLACES                                                   |                                                                                                                                               | ± 0.2                  |       |                                                            |                                                                                                                          |        |                        |                                                                        |         |                |                                  |              |                 |  |          |  |          |  |          |  |
| 1 PLACE                                                    |                                                                                                                                               | ± 0.25                 |       |                                                            |                                                                                                                          |        |                        |                                                                        |         |                |                                  |              |                 |  |          |  |          |  |          |  |
| DIVISIONAL SYMBOLS                                         | 0 PLACES                                                                                                                                      |                        | ±     | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                                                                                                                          |        | THIRD ANGLE PROJECTION |                                                                        | DRAWING |                | SERIES                           |              | DOCUMENT NUMBER |  | DOC TYPE |  | DOC PART |  | REVISION |  |
|                                                            |                                                                                                                                               |                        |       |                                                            |                                                                                                                          |        |                        |                                                                        |         |                |                                  |              |                 |  |          |  |          |  |          |  |
|                                                            |                                                                                                                                               |                        |       |                                                            |                                                                                                                          |        |                        |                                                                        |         |                |                                  |              |                 |  |          |  |          |  |          |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                                                                                                                                               | THIRD ANGLE PROJECTION |       | DRAWING                                                    |                                                                                                                          | SERIES |                        | MATERIAL NUMBER                                                        |         | CUSTOMER       |                                  | SHEET NUMBER |                 |  |          |  |          |  |          |  |
|                                                            |                                                                                                                                               |                        |       | E-SIZE                                                     |                                                                                                                          | 207782 |                        | SEE TABLE                                                              |         | GENERAL MARKET |                                  | 1 OF 4       |                 |  |          |  |          |  |          |  |



NOTES:

1. MATERIAL:  
HOUSING & REAR SEAL CAP: REFER PART NUMBER DETAILS.  
SEALS: INHERENTLY LUBRICATED SILICON.
2. PRODUCT SPECIFICATION: 2077760000-PS.
3. APPLICATION SPECIFICATION: 2077760000-AS.
4. PACKAGING SPECIFICATION: 2077820000-PK.
5. THIS PART MATES WITH PLUG SERIES 207778.
6. THIS PART USES TERMINAL SERIES 2077770001, 2077770002 AND 2077770003.
7. THIS PART CONFORMS TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

| CKT SIZE | DIM. A |
|----------|--------|
| 2        | 17.64  |
| 3        | 21.24  |
| 4        | 24.84  |

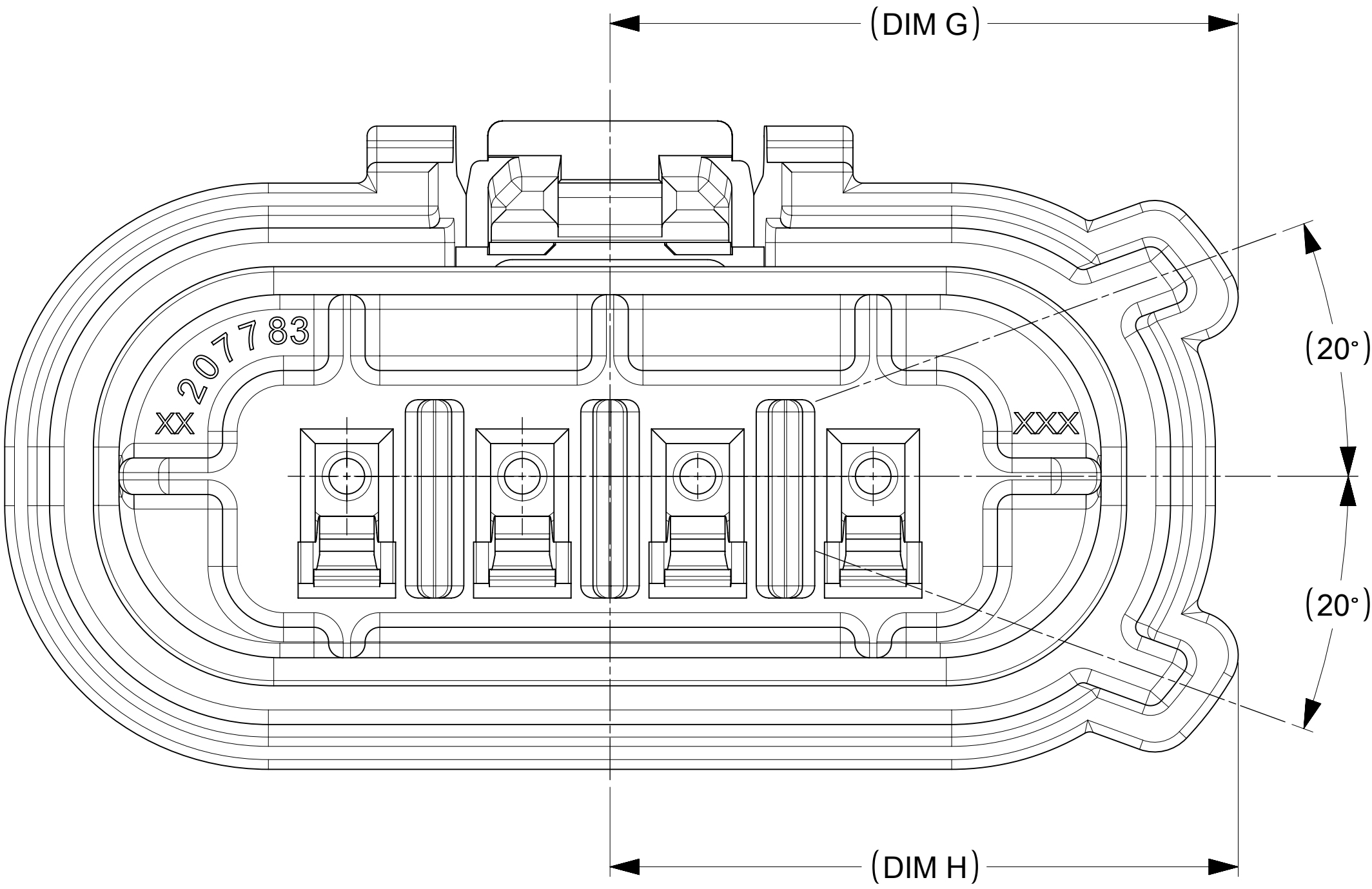
|                                                                                                                                                                                                                                     |  |                                                                                                                                               |  |       |  |                                                     |  |                                                                      |  |                                                                                                   |  |                                                                                         |  |                |  |              |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------|--|-------|--|-----------------------------------------------------|--|----------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------|--|----------------|--|--------------|--|
| FUNCTIONAL SYMBOLS                                                                                                                                                                                                                  |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |       |  |                                                     |  |                                                                      |  |                                                                                                   |  |                                                                                         |  |                |  |              |  |
| <div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div>DIVISIONAL SYMBOLS</div></div> |  | DIMENSION UNITS                                                                                                                               |  | SCALE |  | CURRENT REV DESC: RE-RELEASED FOR CONVERSION ISSUE. |  |                                                                      |  | <div>molex</div> <div>RECEPTACLE ASSEMBLY<br/>SQUBA 3.6</div> <div>PRODUCT CUSTOMER DRAWING</div> |  |                                                                                         |  |                |  |              |  |
|                                                                                                                                                                                                                                     |  | mm                                                                                                                                            |  | 5:1   |  |                                                     |  |                                                                      |  |                                                                                                   |  |                                                                                         |  |                |  |              |  |
|                                                                                                                                                                                                                                     |  | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |  |       |  |                                                     |  |                                                                      |  |                                                                                                   |  |                                                                                         |  |                |  |              |  |
|                                                                                                                                                                                                                                     |  | ANGULAR TOL                                                                                                                                   |  | ±     |  | °                                                   |  | EC NO: 760095<br>DRWN: GOOLAM<br>CHK'D: GOOLAM<br>APPR: MRAMAKRISHNA |  |                                                                                                   |  | DOCUMENT NUMBER<br><div>2077820000-SD</div> <div>PSD</div> <div>000</div> <div>D3</div> |  |                |  |              |  |
|                                                                                                                                                                                                                                     |  | 4 PLACES                                                                                                                                      |  | ±     |  | INITIAL REVISION:<br>DRWN: MUM<br>APPR: NCSR        |  |                                                                      |  |                                                                                                   |  |                                                                                         |  |                |  |              |  |
|                                                                                                                                                                                                                                     |  | 3 PLACES                                                                                                                                      |  | ±     |  |                                                     |  |                                                                      |  |                                                                                                   |  |                                                                                         |  |                |  |              |  |
|                                                                                                                                                                                                                                     |  | 2 PLACES                                                                                                                                      |  | ±     |  |                                                     |  |                                                                      |  | 0.2                                                                                               |  | 2023/08/02<br>2023/08/18<br>2023/08/18                                                  |  |                |  |              |  |
|                                                                                                                                                                                                                                     |  | 1 PLACE                                                                                                                                       |  | ±     |  | 0.25                                                |  |                                                                      |  |                                                                                                   |  |                                                                                         |  |                |  |              |  |
|                                                                                                                                                                                                                                     |  | 0 PLACES                                                                                                                                      |  | ±     |  |                                                     |  |                                                                      |  |                                                                                                   |  |                                                                                         |  |                |  |              |  |
|                                                                                                                                                                                                                                     |  | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                                          |  |       |  | THIRD ANGLE PROJECTION                              |  | DRAWING                                                              |  | SERIES                                                                                            |  | MATERIAL NUMBER                                                                         |  | CUSTOMER       |  | SHEET NUMBER |  |
|                                                                                                                                                                                                                                     |  |                                                                                                                                               |  |       |  | <div><div></div><div></div></div>                   |  | E-SIZE                                                               |  | 207782                                                                                            |  | SEE TABLE                                                                               |  | GENERAL MARKET |  | 2 OF 4       |  |
|                                                                                                                                                                                                                                     |  |                                                                                                                                               |  |       |  |                                                     |  |                                                                      |  |                                                                                                   |  |                                                                                         |  |                |  |              |  |

|                 |    |              |            |          |
|-----------------|----|--------------|------------|----------|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2023/08/18 | 10:37:24 |
|-----------------|----|--------------|------------|----------|

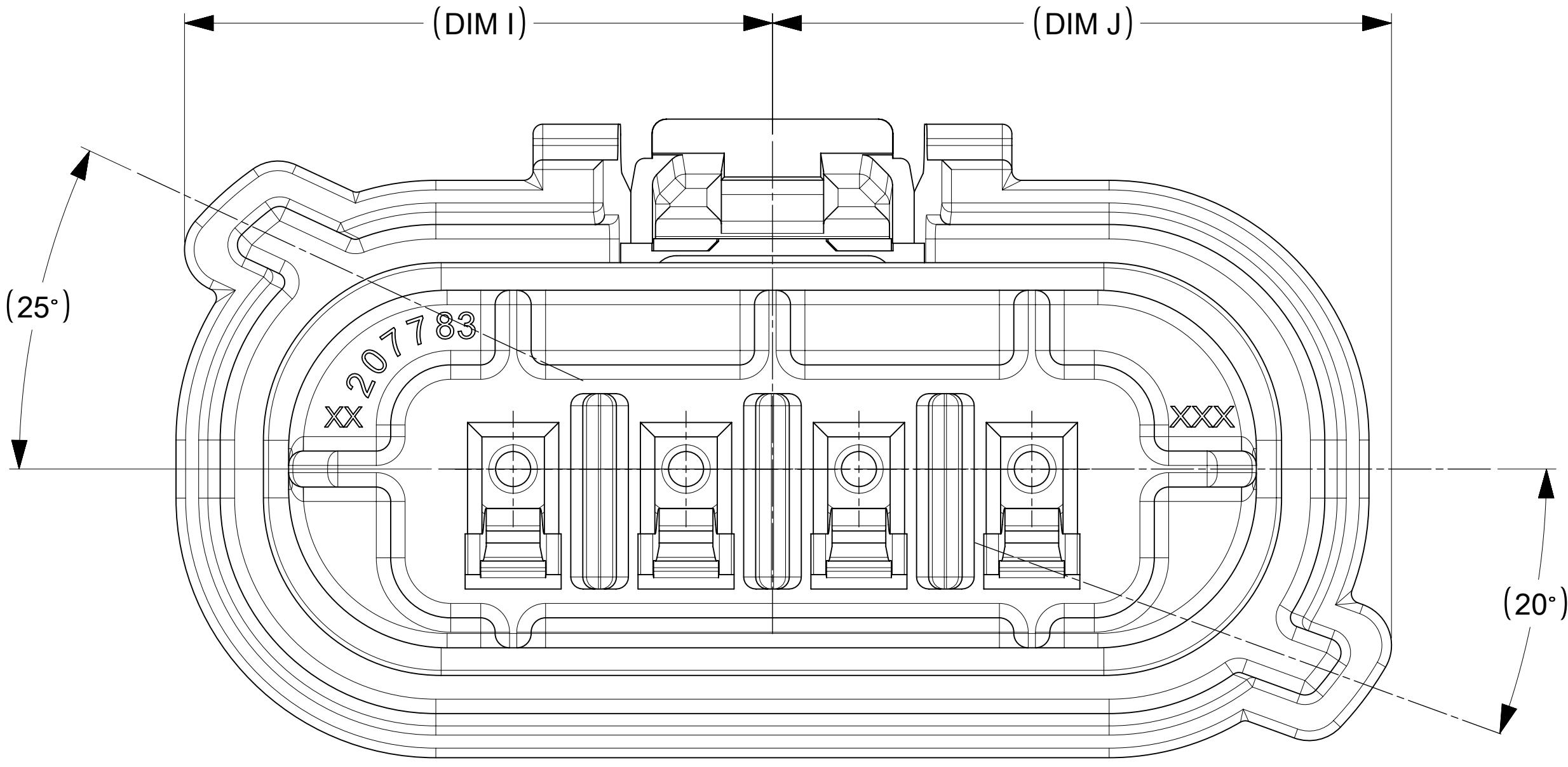
KEYING CONFIGURATIONS

D

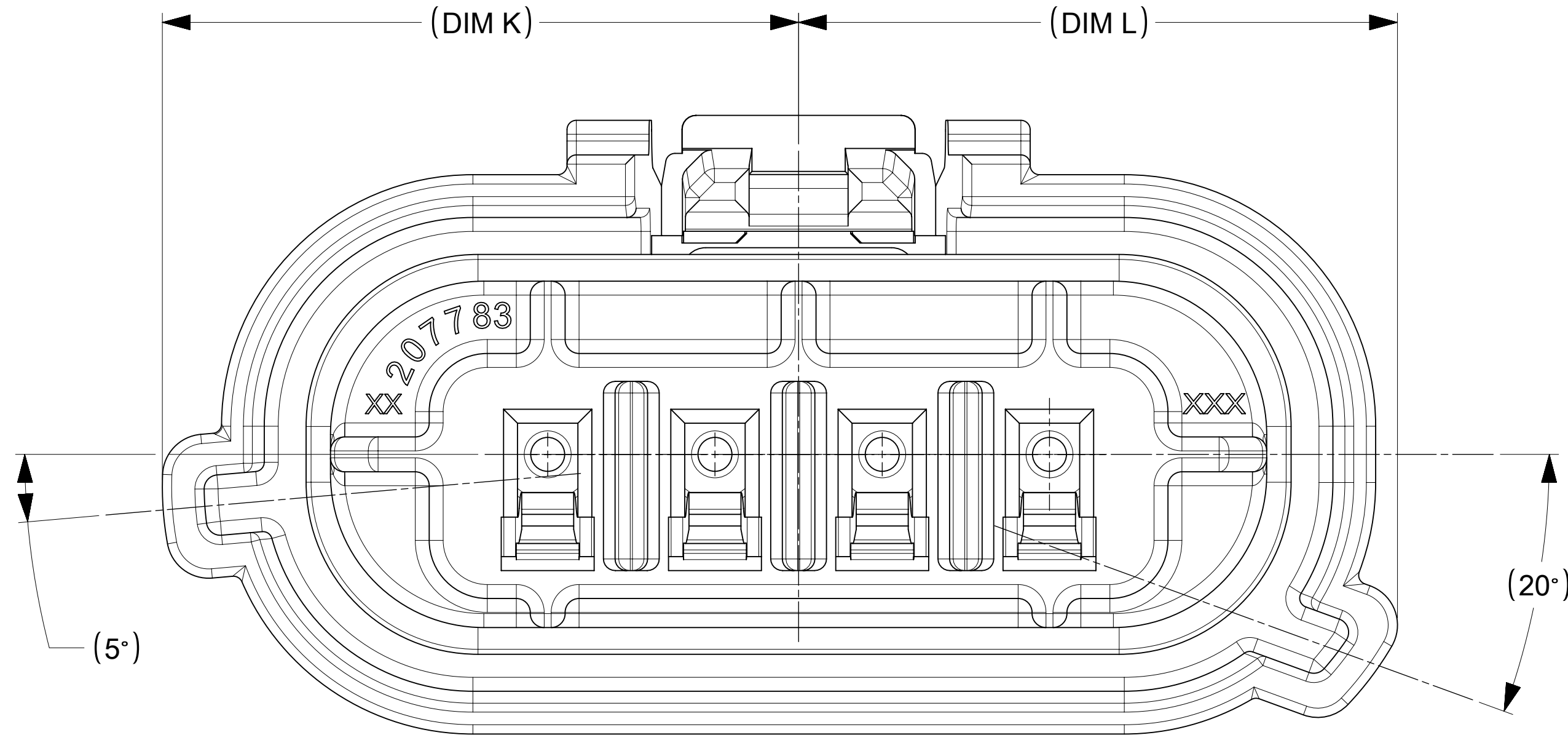
KEY A, RED COLOR



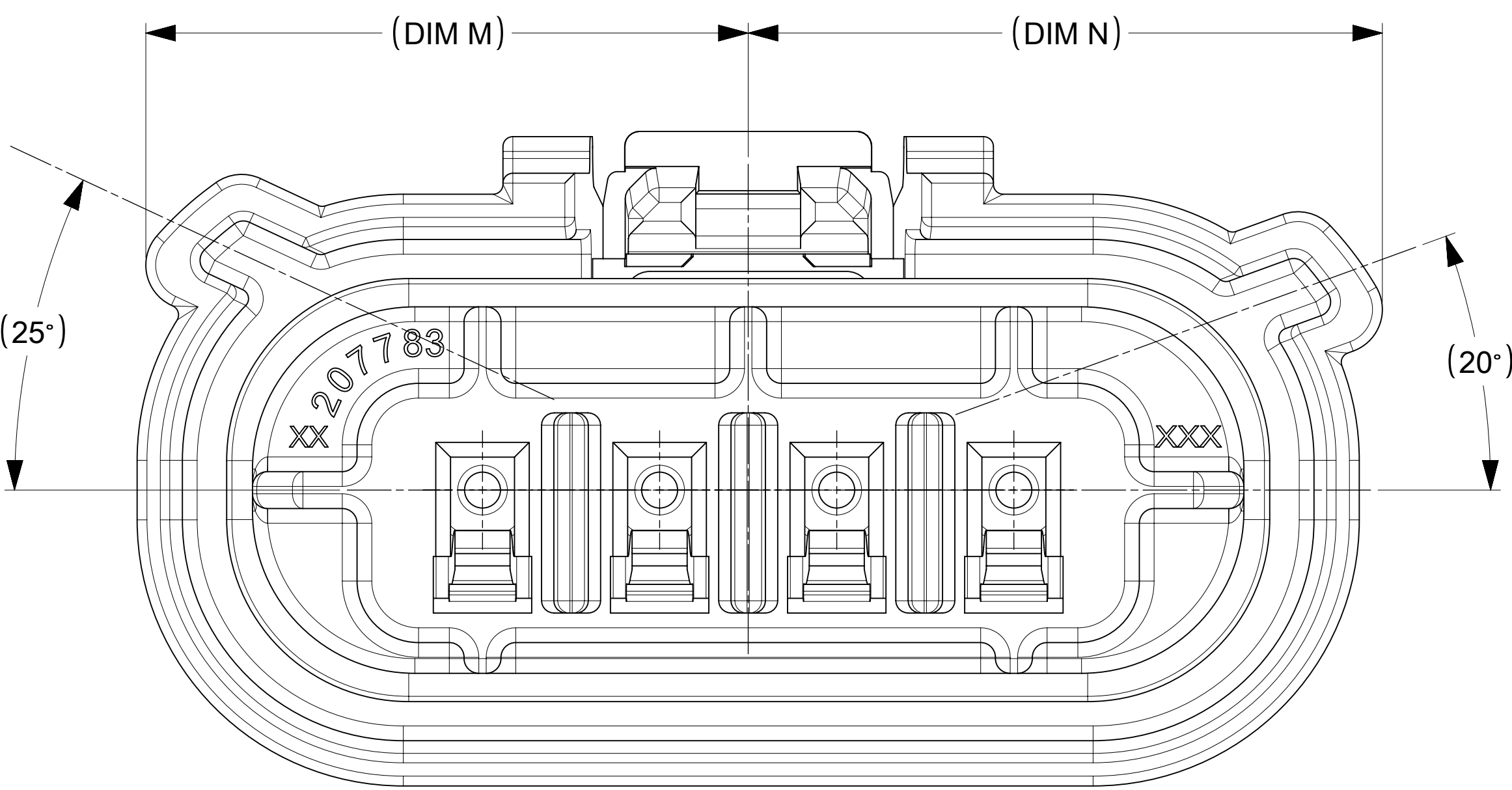
KEY B, NATURAL COLOR



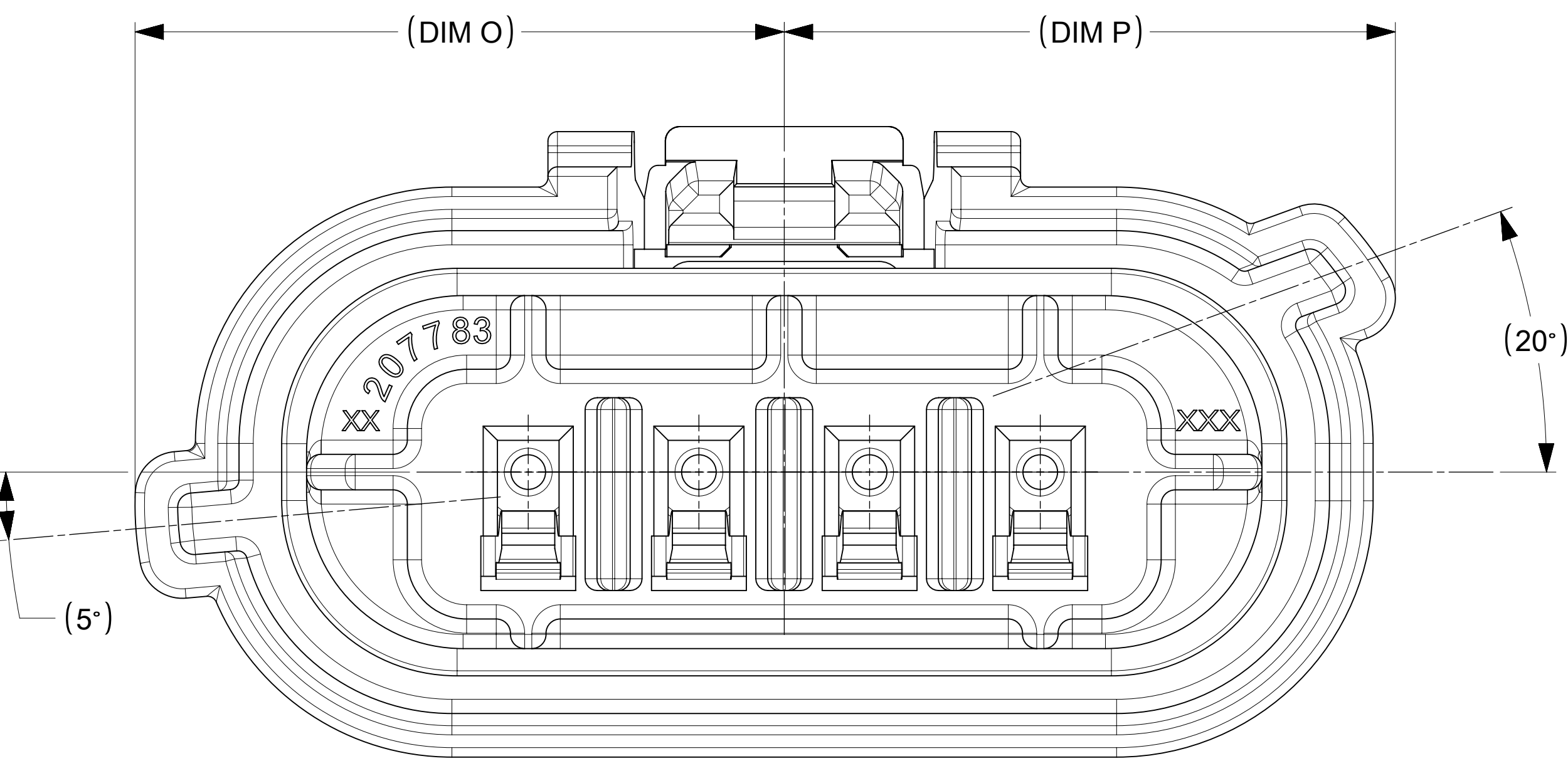
KEY C, GRAY COLOR



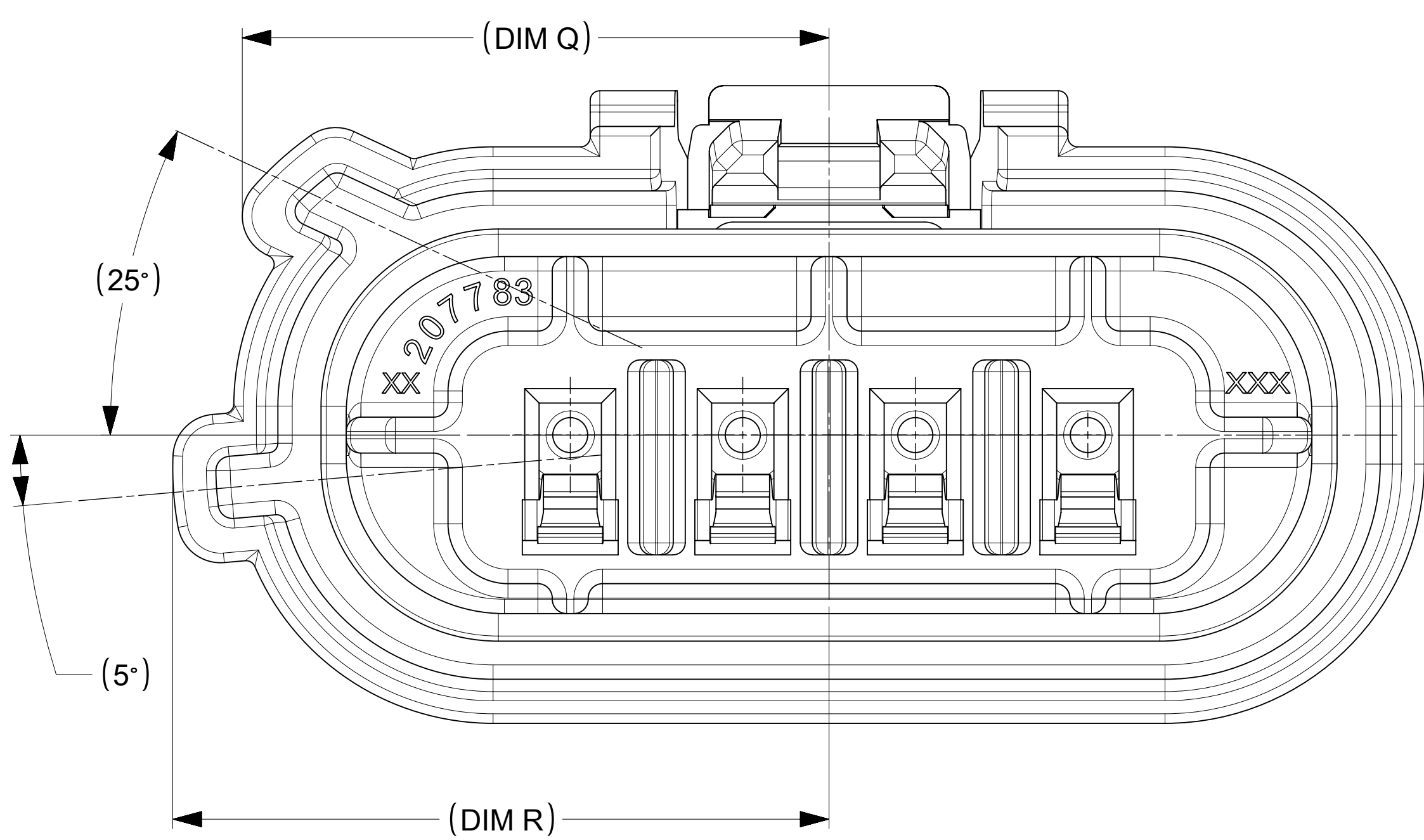
KEY D, YELLOW COLOR



KEY E, BROWN COLOR



KEY F, ORANGE COLOR



| CHARTED DIMENSIONS |              |       |                  |       |               |       |                 |       |                |       |                 |       |
|--------------------|--------------|-------|------------------|-------|---------------|-------|-----------------|-------|----------------|-------|-----------------|-------|
| KEYS               | KEY A<br>RED |       | KEY B<br>NATURAL |       | KEY C<br>GRAY |       | KEY D<br>YELLOW |       | KEY E<br>BROWN |       | KEY F<br>ORANGE |       |
| DIMENSIONS         | G            | H     | I                | J     | K             | L     | M               | N     | O              | P     | Q               | R     |
| CKT 2              | 9.80         | 9.80  | 9.43             | 9.80  | 10.09         | 9.80  | 9.43            | 9.80  | 10.09          | 9.80  | 9.43            | 10.09 |
| CKT 3              | 11.37        | 11.37 | 10.91            | 11.37 | 11.89         | 11.37 | 10.91           | 11.37 | 11.89          | 11.37 | 10.91           | 11.89 |
| CKT 4              | 12.89        | 12.89 | 12.24            | 12.89 | 13.69         | 12.89 | 12.24           | 12.89 | 13.69          | 12.89 | 12.24           | 13.69 |

NOTE: KEY CONFIGURATIONS WILL REMAINS SAME IN 2 & 3 CKT.

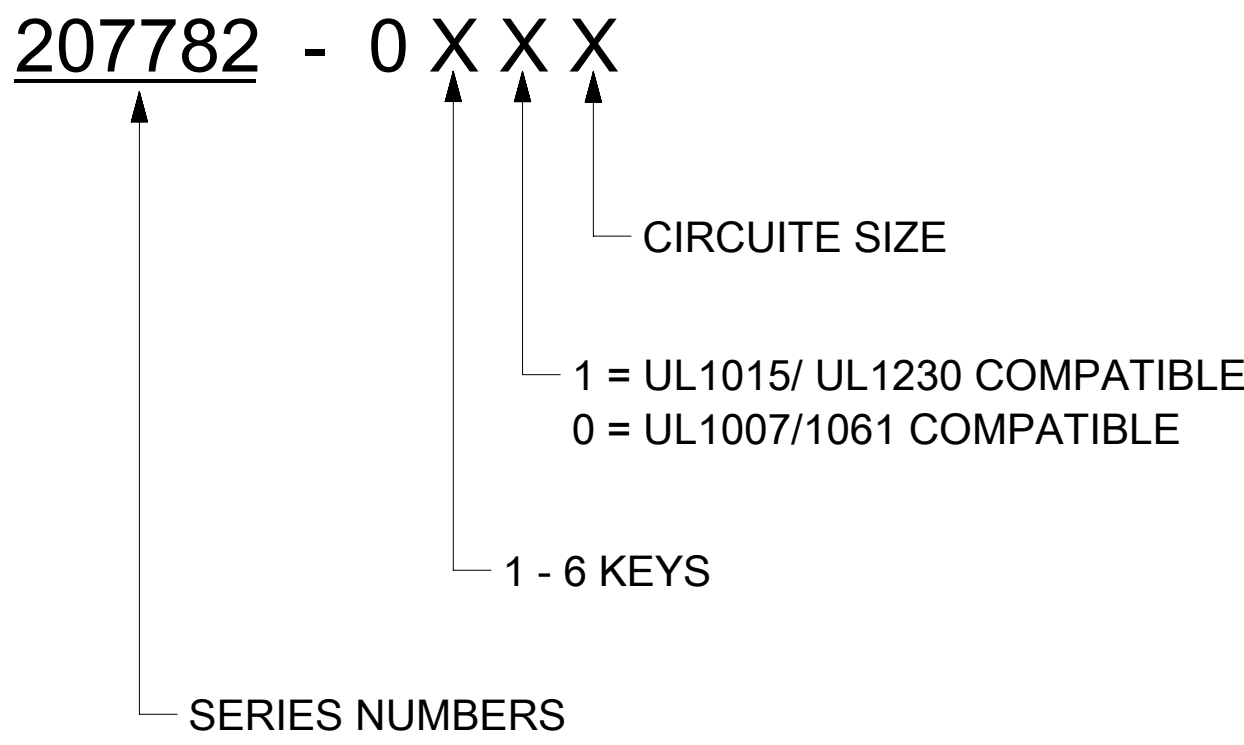
| FUNCTIONAL SYMBOLS                                   | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                                                       |       |                                                                                       |                                                                                                       |               |                          |                                  |          |                |          |              |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|---------------|--------------------------|----------------------------------|----------|----------------|----------|--------------|
| DIVISIONAL SYMBOLS                                   | DIMENSION UNITS                                                                                                                               |                                                                                       | SCALE |                                                                                       | CURRENT REV DESC: RE-RELEASED FOR CONVERSION ISSUE.                                                   |               |                          | <div>molex</div>                 |          |                |          |              |
|                                                      | mm                                                                                                                                            |                                                                                       | 1:1   |                                                                                       |                                                                                                       |               |                          |                                  |          |                |          |              |
|                                                      | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |                                                                                       |       |                                                                                       | EC NO: 760095<br>DRWN: GOOLAM 2023/08/02<br>CHK'D: GOOLAM 2023/08/18<br>APPR: MRAMAKRISHNA 2023/08/18 |               |                          | RECEPTACLE ASSEMBLY<br>SQUBA 3.6 |          |                |          |              |
|                                                      | ANGULAR TOL ± °                                                                                                                               |                                                                                       |       |                                                                                       |                                                                                                       |               |                          |                                  |          |                |          |              |
|                                                      | 4 PLACES                                                                                                                                      |                                                                                       | ±     |                                                                                       |                                                                                                       |               |                          |                                  |          |                |          |              |
|                                                      | 3 PLACES                                                                                                                                      |                                                                                       | ±     |                                                                                       |                                                                                                       |               |                          |                                  |          |                |          |              |
|                                                      | 2 PLACES                                                                                                                                      |                                                                                       | ± 0.2 |                                                                                       |                                                                                                       |               |                          |                                  |          |                |          |              |
| 1 PLACE                                              |                                                                                                                                               | ± 0.25                                                                                |       |                                                                                       |                                                                                                       |               |                          |                                  |          |                |          |              |
| 0 PLACES                                             |                                                                                                                                               | ±                                                                                     |       | INITIAL REVISION:                                                                     |                                                                                                       |               | PRODUCT CUSTOMER DRAWING |                                  |          |                |          |              |
|                                                      |                                                                                                                                               |                                                                                       |       | DRWN: MUM 2019/01/30                                                                  |                                                                                                       |               | DOCUMENT NUMBER          |                                  | DOC TYPE | DOC PART       | REVISION |              |
|                                                      |                                                                                                                                               |                                                                                       |       | APPR: NCSR 2019/07/03                                                                 |                                                                                                       |               | 2077820000-SD            |                                  | PSD      | 000            | D3       |              |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |                                                                                                                                               | THIRD ANGLE PROJECTION                                                                |       | DRAWING                                                                               |                                                                                                       | SERIES        |                          | MATERIAL NUMBER                  |          | CUSTOMER       |          | SHEET NUMBER |
|                                                      |                                                                                                                                               |  |       |  |                                                                                                       | E-SIZE 207782 |                          | SEE TABLE                        |          | GENERAL MARKET |          | 3 OF 4       |

|                 |    |              |            |          |
|-----------------|----|--------------|------------|----------|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2023/08/18 | 10:37:24 |
|-----------------|----|--------------|------------|----------|

| PART NUMBER DETAILS       |                                  |             |                      |         |
|---------------------------|----------------------------------|-------------|----------------------|---------|
| WITHOUT KEY P/N           | WIRE STYLE                       | NO. OF CKTS | KEYING CONFIGURATION | COLOR   |
| 2077820002                | FOR UL1007/ UL1061 OR EQUIVALENT | 2           | NA                   | BLACK   |
| 2077820003                | FOR UL1007/ UL1061 OR EQUIVALENT | 3           | NA                   | BLACK   |
| 2077820004                | FOR UL1007/ UL1061 OR EQUIVALENT | 4           | NA                   | BLACK   |
| 2077820005*               | FOR UL1007/ UL1061 OR EQUIVALENT | 5           | NA                   | BLACK   |
| WITH KEY P/N <sup>ⓓ</sup> |                                  |             |                      |         |
| 2077820102                | FOR UL1007/ UL1061 OR EQUIVALENT | 2           | 1                    | RED     |
| 2077820202                | FOR UL1007/ UL1061 OR EQUIVALENT | 2           | 2                    | NATURAL |
| 2077820302                | FOR UL1007/ UL1061 OR EQUIVALENT | 2           | 3                    | GRAY    |
| 2077820402                | FOR UL1007/ UL1061 OR EQUIVALENT | 2           | 4                    | YELLOW  |
| 2077820502                | FOR UL1007/ UL1061 OR EQUIVALENT | 2           | 5                    | BROWN   |
| 2077820602                | FOR UL1007/ UL1061 OR EQUIVALENT | 2           | 6                    | ORANGE  |
|                           |                                  |             |                      |         |
| 2077820103                | FOR UL1007/ UL1061 OR EQUIVALENT | 3           | 1                    | RED     |
| 2077820203                | FOR UL1007/ UL1061 OR EQUIVALENT | 3           | 2                    | NATURAL |
| 2077820303                | FOR UL1007/ UL1061 OR EQUIVALENT | 3           | 3                    | GRAY    |
| 2077820403                | FOR UL1007/ UL1061 OR EQUIVALENT | 3           | 4                    | YELLOW  |
| 2077820503                | FOR UL1007/ UL1061 OR EQUIVALENT | 3           | 5                    | BROWN   |
| 2077820603                | FOR UL1007/ UL1061 OR EQUIVALENT | 3           | 6                    | ORANGE  |
|                           |                                  |             |                      |         |
| 2077820104                | FOR UL1007/ UL1061 OR EQUIVALENT | 4           | 1                    | RED     |
| 2077820204                | FOR UL1007/ UL1061 OR EQUIVALENT | 4           | 2                    | NATURAL |
| 2077820304                | FOR UL1007/ UL1061 OR EQUIVALENT | 4           | 3                    | GRAY    |
| 2077820404                | FOR UL1007/ UL1061 OR EQUIVALENT | 4           | 4                    | YELLOW  |
| 2077820504                | FOR UL1007/ UL1061 OR EQUIVALENT | 4           | 5                    | BROWN   |
| 2077820604                | FOR UL1007/ UL1061 OR EQUIVALENT | 4           | 6                    | ORANGE  |

| WITHOUT KEY P/N           | WIRE STYLE                       | NO. OF CKTS | KEYING CONFIGURATION | COLOR   |
|---------------------------|----------------------------------|-------------|----------------------|---------|
| 2077820012                | FOR UL1015/ UL1230 OR EQUIVALENT | 2           | NA                   | BLACK   |
| 2077820013                | FOR UL1015/ UL1230 OR EQUIVALENT | 3           | NA                   | BLACK   |
| 2077820014                | FOR UL1015/ UL1230 OR EQUIVALENT | 4           | NA                   | BLACK   |
| WITH KEY P/N <sup>ⓓ</sup> |                                  |             |                      |         |
| 2077820112                | FOR UL1015/ UL1230 OR EQUIVALENT | 2           | 1                    | RED     |
| 2077820212                | FOR UL1015/ UL1230 OR EQUIVALENT | 2           | 2                    | NATURAL |
| 2077820312                | FOR UL1015/ UL1230 OR EQUIVALENT | 2           | 3                    | GRAY    |
| 2077820412                | FOR UL1015/ UL1230 OR EQUIVALENT | 2           | 4                    | YELLOW  |
| 2077820512                | FOR UL1015/ UL1230 OR EQUIVALENT | 2           | 5                    | BROWN   |
| 2077820612                | FOR UL1015/ UL1230 OR EQUIVALENT | 2           | 6                    | ORANGE  |
|                           |                                  |             |                      |         |
| 2077820113                | FOR UL1015/ UL1230 OR EQUIVALENT | 3           | 1                    | RED     |
| 2077820213                | FOR UL1015/ UL1230 OR EQUIVALENT | 3           | 2                    | NATURAL |
| 2077820313                | FOR UL1015/ UL1230 OR EQUIVALENT | 3           | 3                    | GRAY    |
| 2077820413                | FOR UL1015/ UL1230 OR EQUIVALENT | 3           | 4                    | YELLOW  |
| 2077820513                | FOR UL1015/ UL1230 OR EQUIVALENT | 3           | 5                    | BROWN   |
| 2077820613                | FOR UL1015/ UL1230 OR EQUIVALENT | 3           | 6                    | ORANGE  |
|                           |                                  |             |                      |         |
| 2077820114                | FOR UL1015/ UL1230 OR EQUIVALENT | 4           | 1                    | RED     |
| 2077820214                | FOR UL1015/ UL1230 OR EQUIVALENT | 4           | 2                    | NATURAL |
| 2077820314                | FOR UL1015/ UL1230 OR EQUIVALENT | 4           | 3                    | GRAY    |
| 2077820414                | FOR UL1015/ UL1230 OR EQUIVALENT | 4           | 4                    | YELLOW  |
| 2077820514                | FOR UL1015/ UL1230 OR EQUIVALENT | 4           | 5                    | BROWN   |
| 2077820614                | FOR UL1015/ UL1230 OR EQUIVALENT | 4           | 6                    | ORANGE  |

PART NUMBER LOGIC <sup>ⓓ</sup>



FUNCTIONAL SYMBOLS

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DIVISIONAL SYMBOLS

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS

mm

SCALE

1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ± °

4 PLACES ±

3 PLACES ±

2 PLACES ± 0.2

1 PLACE ± 0.25

0 PLACES ±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING

E-SIZE

SERIES

207782

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