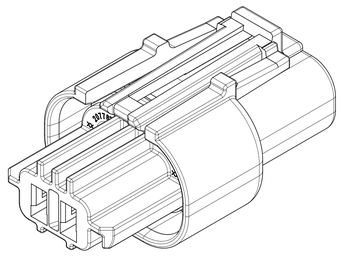
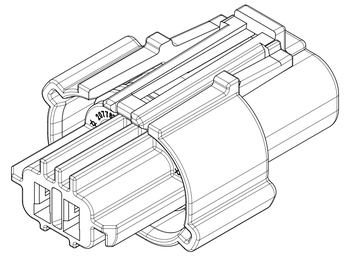
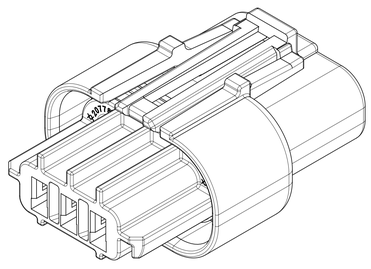
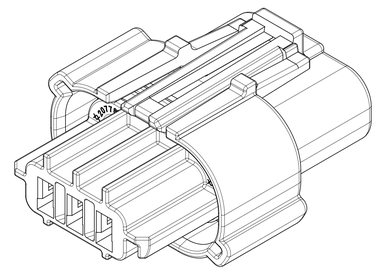
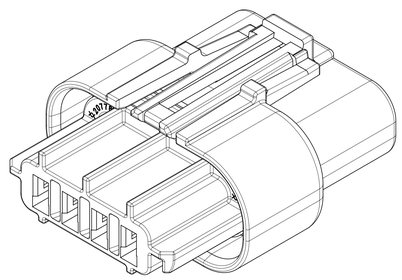
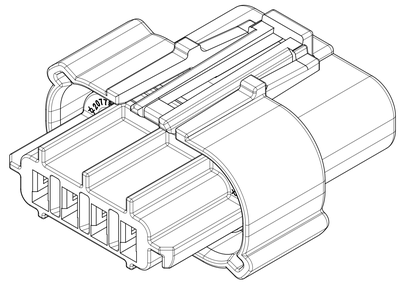
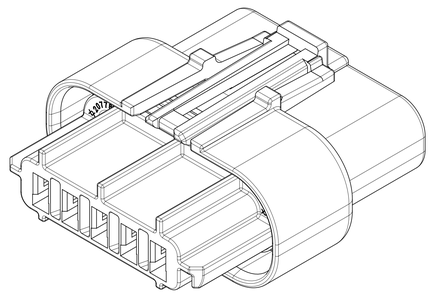
# CIRCUIT CONFIGURATIONS

| CIRCUITE SIZE | RECEPTACLE SEAL CAP WITHOUT KEY | RECEPTACLE SEAL CAP WITH KEY |
|---|---|---|
| 2 CKT |  |  |
| 3 CKT |  |  |
| 4 CKT |  |  |
| 5 CKT |  | |

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

FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FP = 0

DIVISIONAL SYMBOLS

| DIMENSION UNITS | SCALE |
|---|---|
| mm | 5:1 |

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

CURRENT REV DESC:

EC NO: 792212
DRWN: KARTHG3 2024/03/05
CHK'D: KARTHG3 2024/07/12
APPR: MRAMAKRISHNA 2024/07/15

INITIAL REVISION:
DRWN: MUM 2019/01/30
APPR: NCSR 2019/07/03

molex

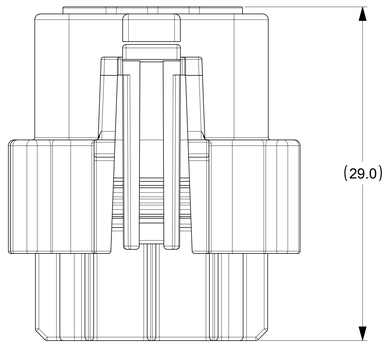
RECEPTACLE ASSEMBLY
SQUBA 3.6

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 2077820000-SD | PSD | 000 | E1 |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | E-SIZE | 207782 | SEE TABLE | GENERAL MARKET | 1 OF 5 |

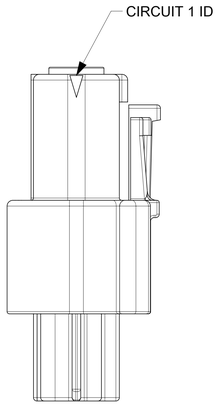
| DOCUMENT STATUS | P1 | RELEASE DATE | 2024/07/15 11:52:07 |
|---|---|---|---|

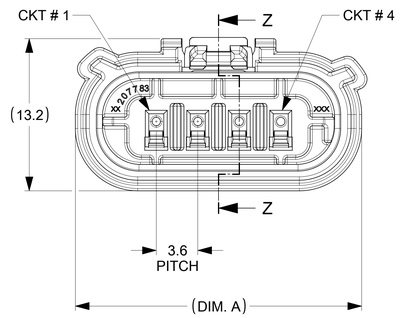


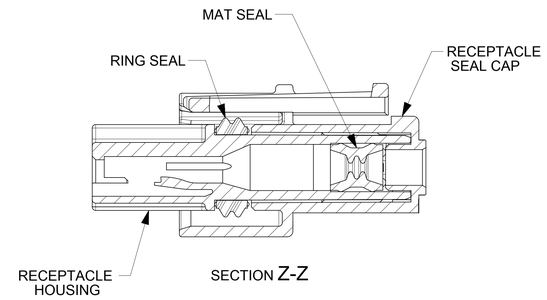

NOTES:

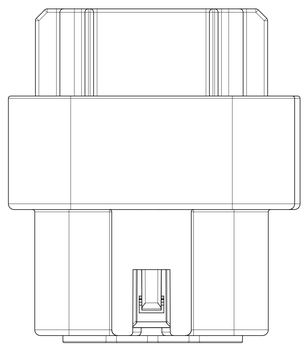
1. MATERIAL:
   HOUSING & REAR SEAL CAP: REFER PART NUMBER DETAILS.
   SEALS: INHERENTLY LUBRICATED SILICON.
2. PRODUCT SPECIFICATION: 2077760000-PS.
3. APPLICATION SPECIFICATION: 2077760000-AS.
4. PACKAGING SPECIFICATION: 2077820000-PK.
5. THIS PART MATES WITH PLUG SERIES 207778.
6. THIS PART USES TERMINAL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

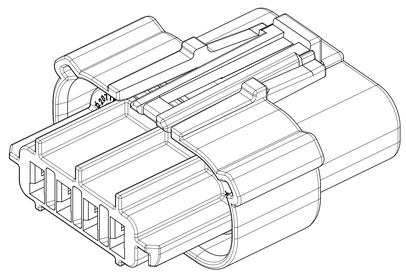
| CKT SIZE | DIM. A |
|---|---|
| 2 | 17.64 |
| 3 | 21.24 |
| 4 | 24.84 |

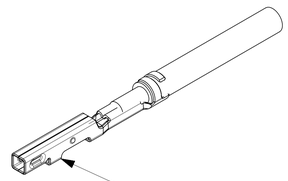







| | | | |
|---|---|---|---|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2024/07/15 11:52:07 |

| | | | |
|---|---|---|---|
| FUNCTIONAL SYMBOLS | | | |
| FA = | 0 | | |
| FC = | 0 | | |
| FP = | 0 | | |
| DIVISIONAL SYMBOLS | | | |

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

| DIMENSION UNITS | SCALE |
|---|---|
| mm | 5:1 |

| 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

CURRENT REV DESC:

EC NO: 792212
DRWN: KARTHG3 2024/03/05
CHK'D: KARTHG3 2024/07/12
APPR: MRAMAKRISHNA 2024/07/15

INITIAL REVISION:
DRWN: MUM 2019/01/30
APPR: NCSR 2019/07/03

molex

RECEPTACLE ASSEMBLY
SQUBA 3.6

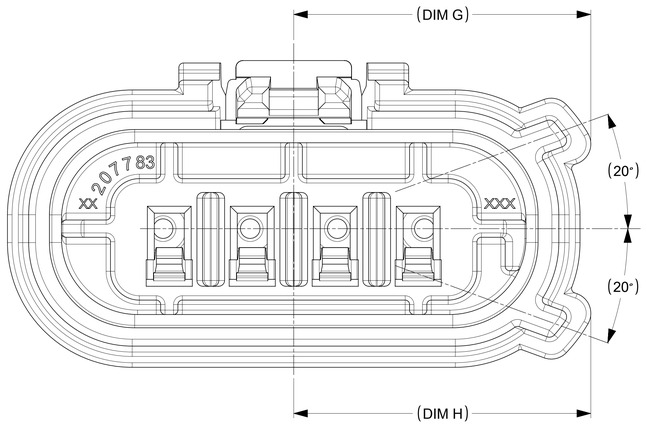
PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 2077820000-SD | PSD | 000 | E1 |

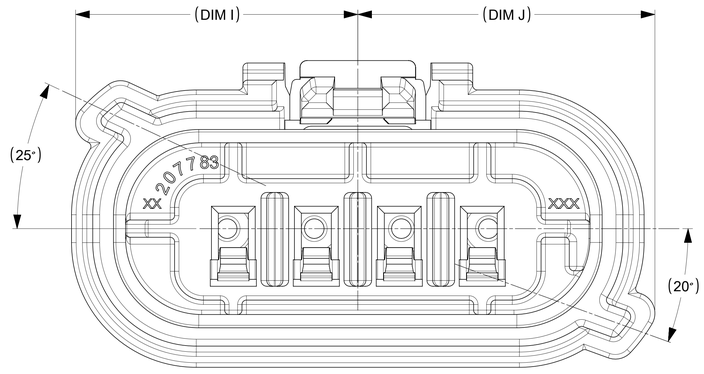
| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | E-SIZE | 207782 | SEE TABLE | GENERAL MARKET | 2 OF 5 |

# KEYING CONFIGURATIONS (E1)

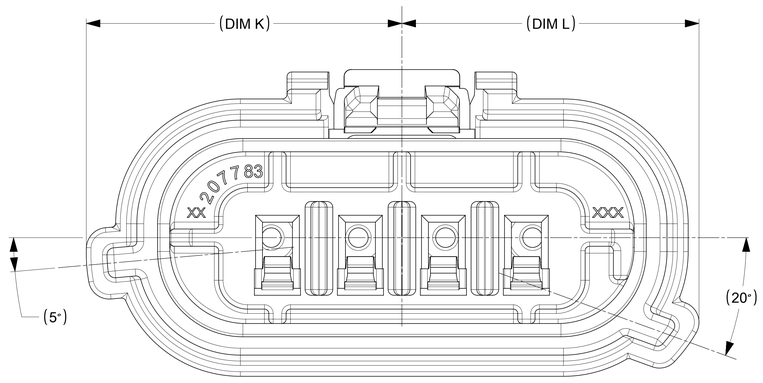
KEY A, RED COLOR



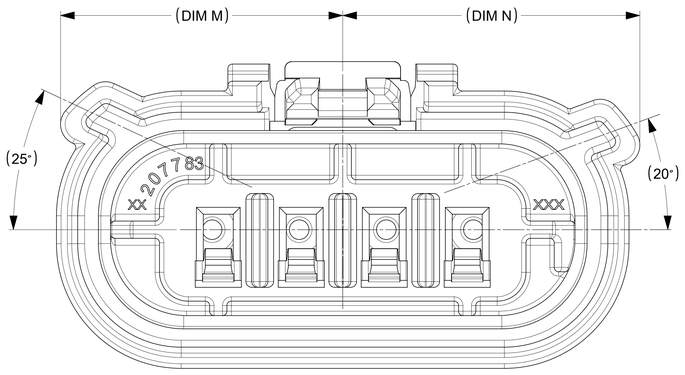

KEY B, NATURAL COLOR



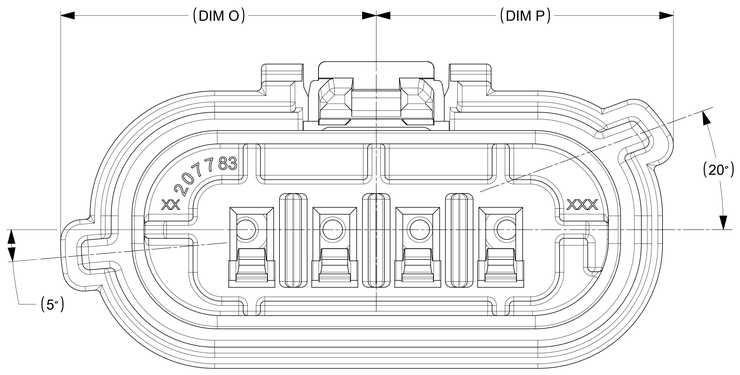

KEY C, GRAY COLOR



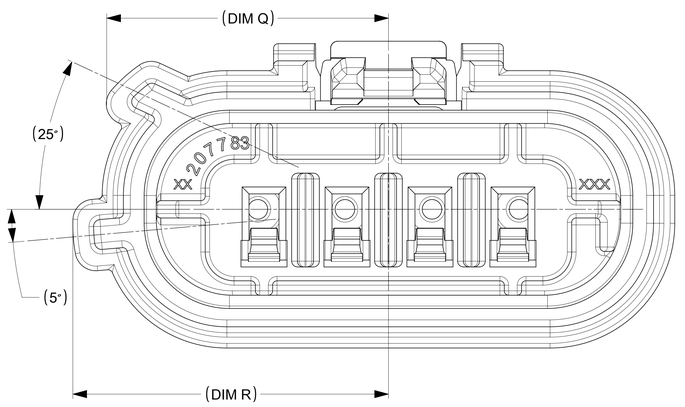

KEY D, YELLOW COLOR




KEY E, BROWN COLOR




KEY F, ORANGE COLOR




| CHARTED DIMENSIONS (E1) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| KEYS | KEY A RED | | KEY B NATURAL | | KEY C GRAY | | KEY D YELLOW | | KEY E BROWN | | KEY F 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.

| DOCUMENT STATUS | P1 | RELEASE DATE | 2024/07/15 11:52:07 |
|---|---|---|---|

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

FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FP = 0
DIVISIONAL SYMBOLS

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

CURRENT REV DESC:

EC NO: 792212
DRWN: KARTHG3 2024/03/05
CHK'D: KARTHG3 2024/07/12
APPR: MRAMAKRISHNA 2024/07/15

INITIAL REVISION:
DRWN: MUM 2019/01/30
APPR: NCSR 2019/07/03

molex

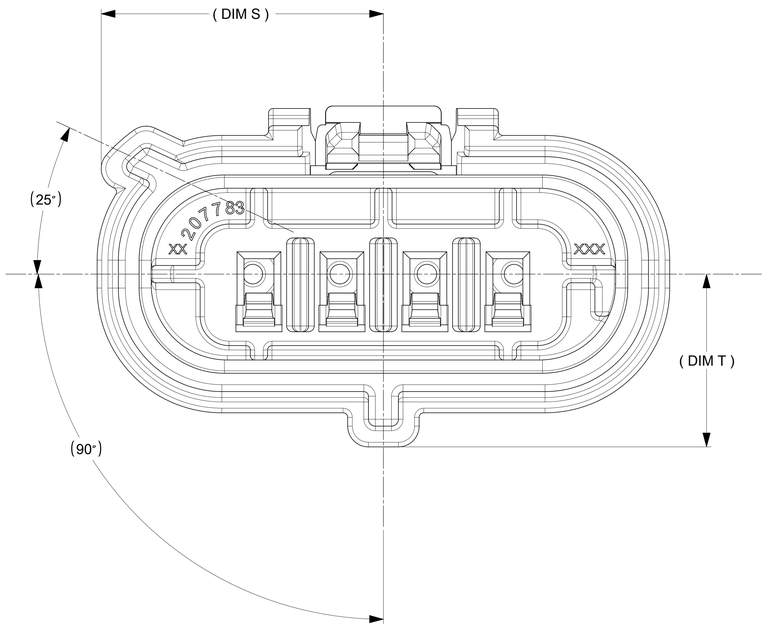
RECEPTACLE ASSEMBLY
SQUBA 3.6

PRODUCT CUSTOMER DRAWING

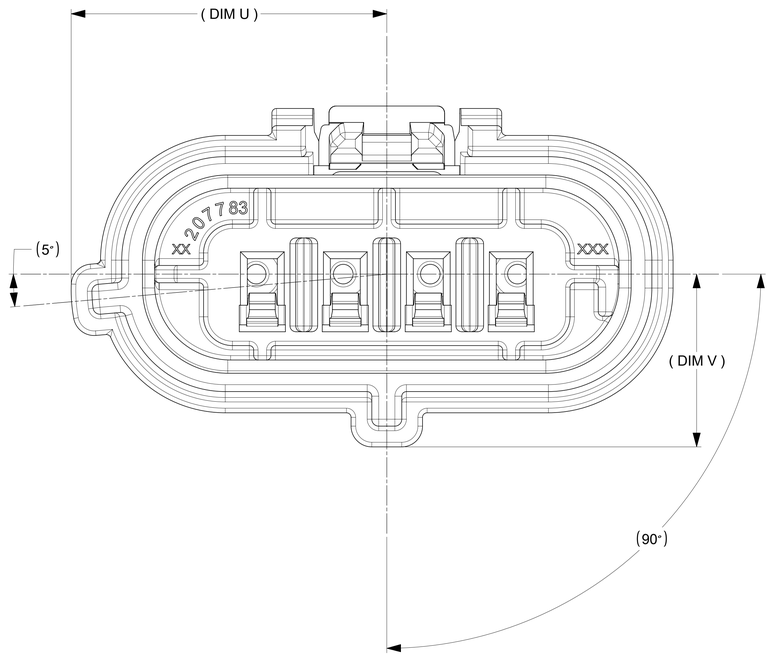
| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 2077820000-SD | PSD | 000 | E1 |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | E-SIZE | 207782 | SEE TABLE | GENERAL MARKET | 3 OF 5 |

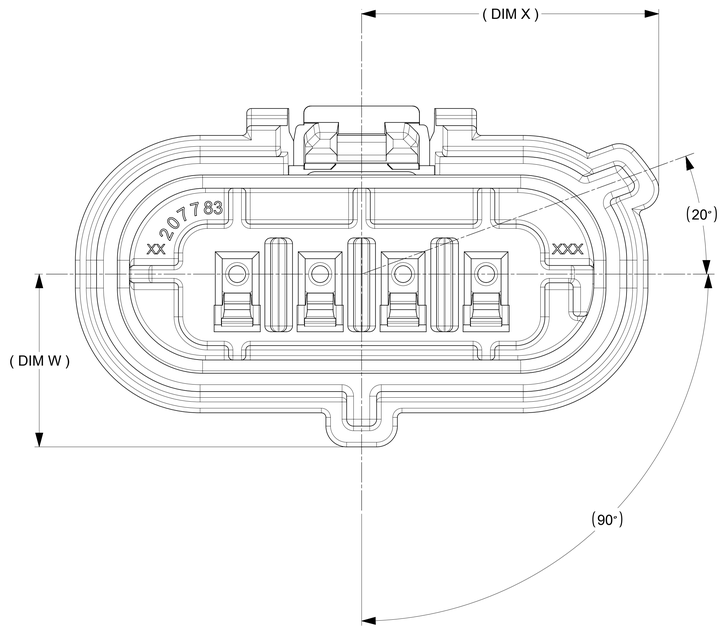
## KEY G, BLUE COLOR (E1)




## KEY H, GREEN COLOR (E1)




## KEY I, MINT COLOR (E1)




| CHARTED DIMENSIONS (E1) | | | | | | |
|---|---|---|---|---|---|---|
| KEYS | KEY G BLUE | | KEY H GREEN | | KEY I MINT | |
| DIMENSIONS | S | T | U | V | W | X |
| CKT 2 | 9.43 | 7.49 | 10.09 | 7.49 | 7.49 | 9.80 |
| CKT 3 | 10.91 | 7.49 | 11.89 | 7.49 | 7.49 | 11.37 |
| CKT 4 | 12.24 | 7.49 | 13.69 | 7.49 | 7.49 | 12.89 |

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

| DOCUMENT STATUS | P1 | RELEASE DATE | 2024/07/15 11:52:07 |
|---|---|---|---|

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

FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FP = 0
DIVISIONAL SYMBOLS

| DIMENSION UNITS | SCALE |
|---|---|
| mm | 10:1 |

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

CURRENT REV DESC:

EC NO: 792212
DRWN: KARTHG3 2024/03/05
CHK'D: KARTHG3 2024/07/12
APPR: MRAMAKRISHNA 2024/07/15

INITIAL REVISION:
DRWN: MUM 2019/01/30
APPR: NCSR 2019/07/03

THIRD ANGLE PROJECTION

| DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|
| E-SIZE | 207782 | SEE TABLE | GENERAL MARKET | 4 OF 5 |

molex

RECEPTACLE ASSEMBLY
SQUBA 3.6

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 2077820000-SD | PSD | 000 | E1 |

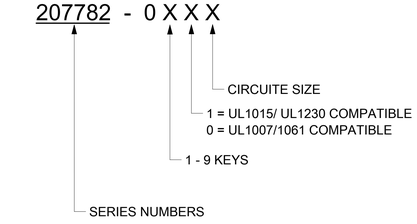
# PART NUMBER DETAILS

| 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 | | | | |
| 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 |
| 2077820702 | FOR UL1007/ UL1061 OR EQUIVALENT | 2 | 7 | BLUE |
| 2077820802 | FOR UL1007/ UL1061 OR EQUIVALENT | 2 | 8 | GREEN |
| 2077820902 | FOR UL1007/ UL1061 OR EQUIVALENT | 2 | 9 | MINT |
| | | | | |
| 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 |
| 2077820703 | FOR UL1007/ UL1061 OR EQUIVALENT | 3 | 7 | BLUE |
| 2077820803 | FOR UL1007/ UL1061 OR EQUIVALENT | 3 | 8 | GREEN |
| 2077820903 | FOR UL1007/ UL1061 OR EQUIVALENT | 3 | 9 | MINT |
| | | | | |
| 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 |
| 2077820704 | FOR UL1007/ UL1061 OR EQUIVALENT | 4 | 7 | BLUE |
| 2077820804 | FOR UL1007/ UL1061 OR EQUIVALENT | 4 | 8 | GREEN |
| 2077820904 | FOR UL1007/ UL1061 OR EQUIVALENT | 4 | 9 | MINT |

| 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 | | | | |
| 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 |
| 2077820712 | FOR UL1015/ UL1230 OR EQUIVALENT | 2 | 7 | BLUE |
| 2077820812 | FOR UL1015/ UL1230 OR EQUIVALENT | 2 | 8 | GREEN |
| 2077820912 | FOR UL1015/ UL1230 OR EQUIVALENT | 2 | 9 | MINT |
| | | | | |
| 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 |
| 2077820713 | FOR UL1015/ UL1230 OR EQUIVALENT | 3 | 7 | BLUE |
| 2077820813 | FOR UL1015/ UL1230 OR EQUIVALENT | 3 | 8 | GREEN |
| 2077820913 | FOR UL1015/ UL1230 OR EQUIVALENT | 3 | 9 | MINT |
| | | | | |
| 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 |
| 2077820714 | FOR UL1015/ UL1230 OR EQUIVALENT | 4 | 7 | BLUE |
| 2077820814 | FOR UL1015/ UL1230 OR EQUIVALENT | 4 | 8 | GREEN |
| 2077820914 | FOR UL1015/ UL1230 OR EQUIVALENT | 4 | 9 | MINT |

*Note: Part number containing * are not tooled

## PART NUMBER LOGIC




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

FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FP = 0
DIVISIONAL SYMBOLS

| DIMENSION UNITS | SCALE |
|---|---|
| mm | 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

CURRENT REV DESC:

EC NO: 792212
DRWN: KARTHG3 2024/03/05
CHK'D: KARTHG3 2024/07/12
APPR: MRAMAKRISHNA 2024/07/15

INITIAL REVISION:
DRWN: MUM 2019/01/30
APPR: NCSR 2019/07/03

molex

RECEPTACLE ASSEMBLY
SQUBA 3.6

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 2077820000-SD | PSD | 000 | E1 |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | E-SIZE | 207782 | SEE TABLE | GENERAL MARKET | 5 OF 5 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2024/07/15 11:52:07 |
|---|---|---|---|

# Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

## molex:

459850483 502584-0870 197134001 347928042 502584-1060 349672001 502380-0800 348242245
0351510214 34708-2028 357470310 0464363133 0477256010 502585-0370 528061110 194270031
347910140 355240920 528523070 194290026 194290039 348268126 351820290 5023860371
503988100 528520870 0194360214 197054301 464373005 347072012