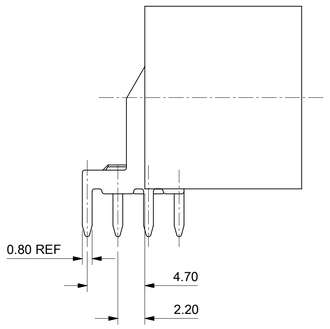
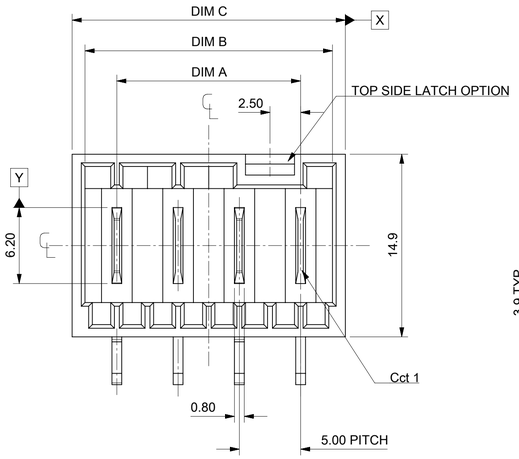
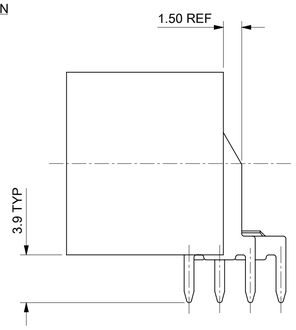
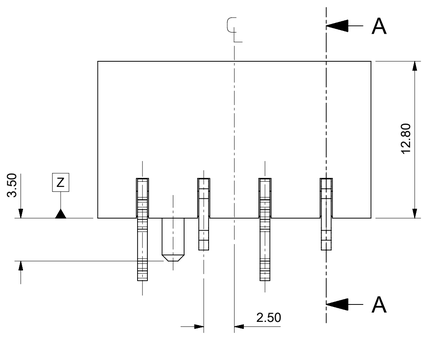
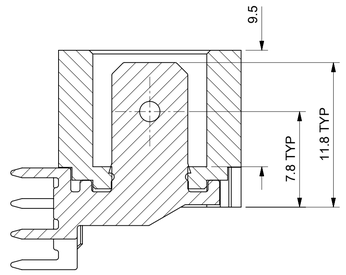


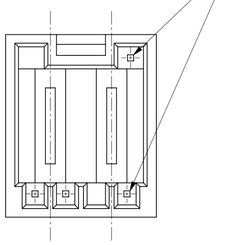



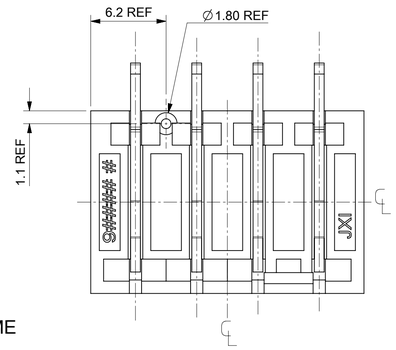




SECTION A-A

## HOLES ON SOME TOOLED VERSIONS



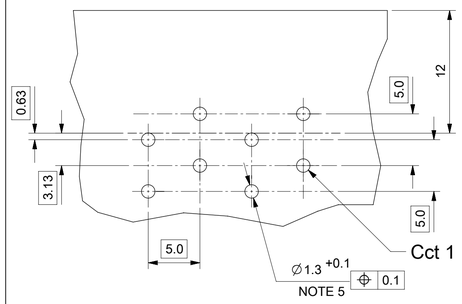



NOTES:
1. MATERIAL:
   HOUSING: PA 66 , UL94 V-0 750°C GWT NO FLAME
   TERMINAL: BRASS 0.80REF. THICK
   PLATING: OPTIONAL (SEE CHARTS SHEETS 3-11)
   TIN PLATING OPTION : 3µm TIN OVER
   1.27µm NICKEL ALL AREAS.
   SELECTIVE SILVER
   CONTACT AREA : 2µm SILVER OVER 1.27µm
   NICKEL. ALL OTHER AREAS FLASH OF SILVER 0.10µm
2. PRODUCT CONFORMS TO SPECIFICATION PS-99020-0037/39
3. MATES WITH MOLEX 91338, 90833, 90835, 91777, 91778, 91954, 92000 & 91779
4. PARTS PACKED IN TRAYS OPTION C SEE PK-90858-001 FOR PACKAGING INFORMATION
5. PLATED THRU HOLE
6. RECOMMENDED PCB THICKNESS: 1.5 mm REF

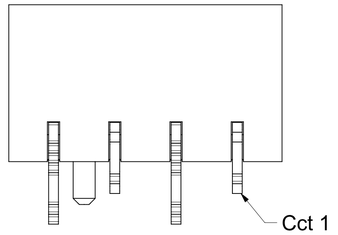
| CCT | DIM A | DIM B | DIM C | TOL |
|---|---|---|---|---|
| 2 | 5.00 | 10.20 | 12.30 | +/-0.30 |
| 3 | 10.00 | 15.20 | 17.30 | |
| 4 | 15.00 | 20.20 | 22.30 | |
| 5 | 20.00 | 25.20 | 27.30 | |
| 6 | 25.00 | 30.20 | 32.30 | |
| 7 | 30.00 | 35.20 | 37.30 | |
| 8 | 35.00 | 40.20 | 42.30 | |
| 9 | 40.00 | 45.20 | 47.30 | |
| 10 | 45.00 | 50.20 | 52.30 | |
| 11 | 50.00 | 55.20 | 57.30 | |
| 12 | 55.00 | 60.20 | 62.30 | |

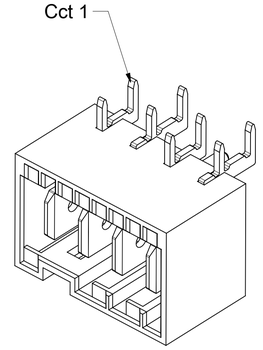
## RECOMMENDED PCB LAYOUT

P.C.B. POLARISATION OPTION "A"

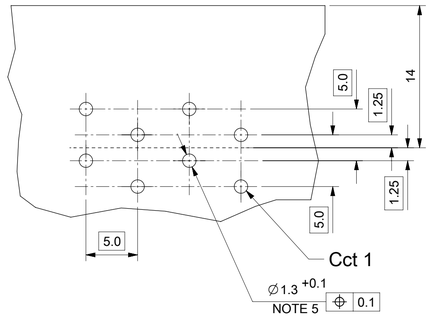



P.C.B. OPTION "A"

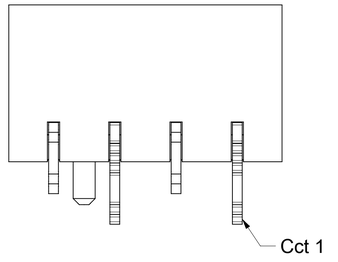


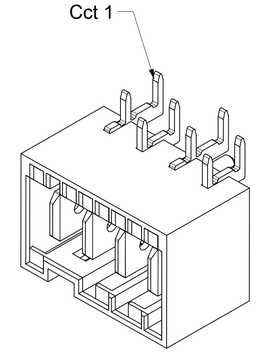




P.C.B. POLARISATION OPTION "B"
(FOR REVERSE FOOTPRINT)

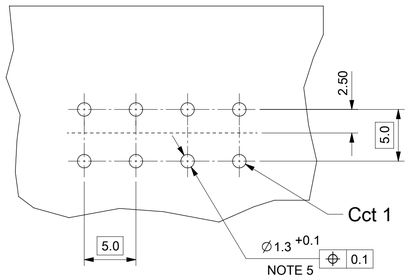



P.C.B. OPTION "B"

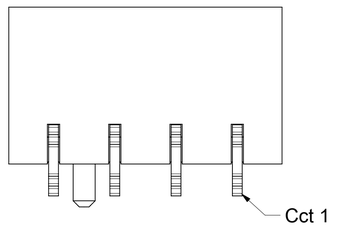


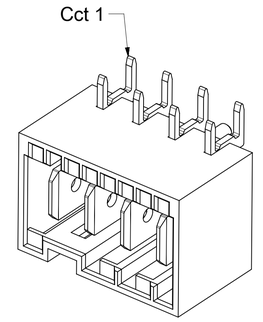




P.C.B. POLARISATION OPTION "C"
(STRAIGHT PINS)




P.C.B. OPTION "C"




| DOCUMENT STATUS | P1 | RELEASE DATE | 2023/05/12 09:50:23 |
|---|---|---|---|

FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FD = 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: mm
SCALE: 4:1
GENERAL TOLERANCES (UNLESS SPECIFIED)
ANGULAR TOL ± 2.0°
4 PLACES ±
3 PLACES ±
2 PLACES ± 0.1
1 PLACE ± 0.2
0 PLACES ±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:
EC NO: 749359
DRWN: RAHULH3 2023/05/12
CHK'D: RAHULH3 2023/05/12
APPR: MRAMAKRISHNA 2023/05/12
INITIAL REVISION:
DRWN: AKABADI 2017/09/08
APPR: BRUTTLE 2017/11/10

molex

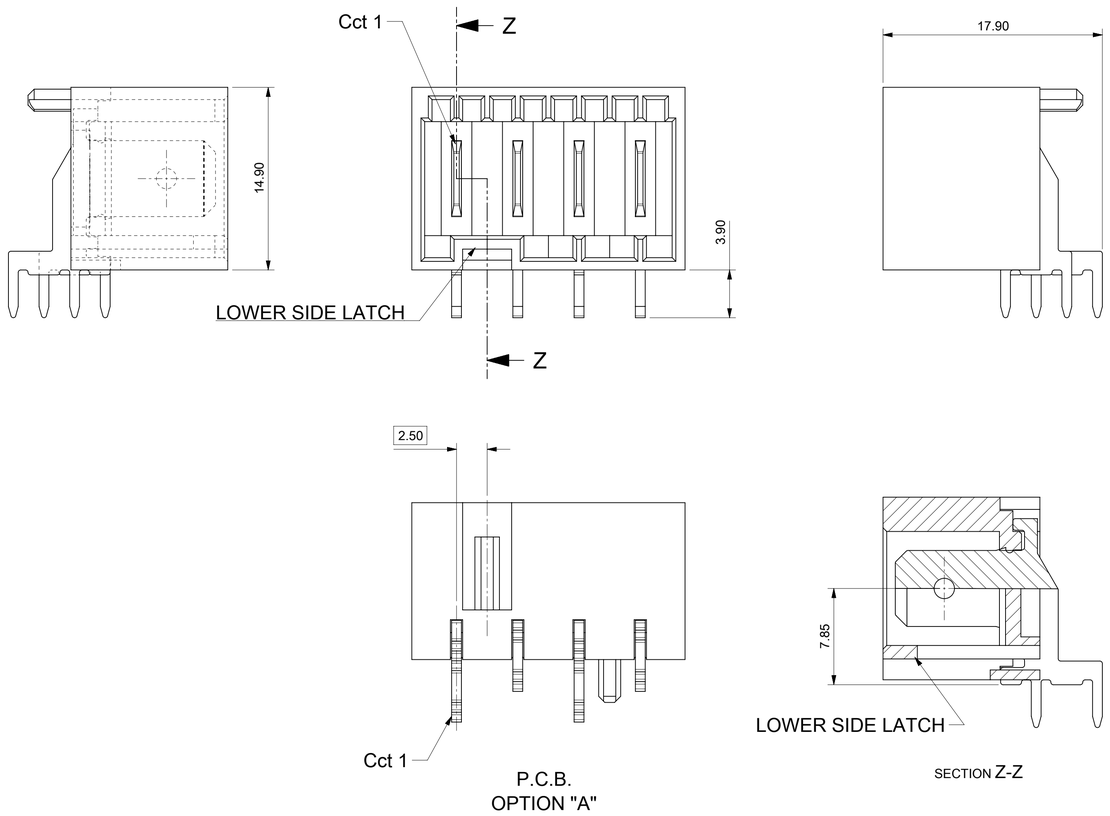
RAST 5 R.A. HDR PA 66 HOUSING

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 930030001 | PSD | 000 | B1 |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A1-SIZE | 93003 | SEE SHEET 3-11 | GENERAL MARKET | 1 OF 11 |

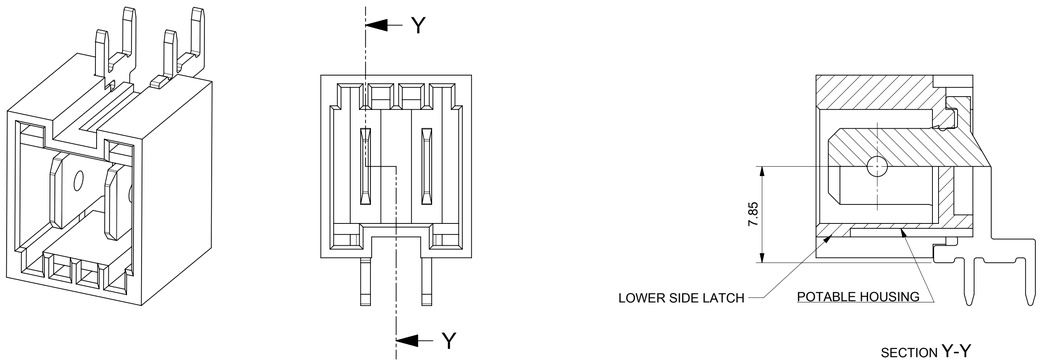
# NON-POTABLE HEADER, LOWER SIDE LATCH OPTION



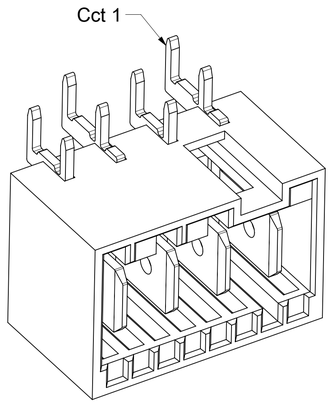

P.C.B.
OPTION "A"

SECTION Z-Z

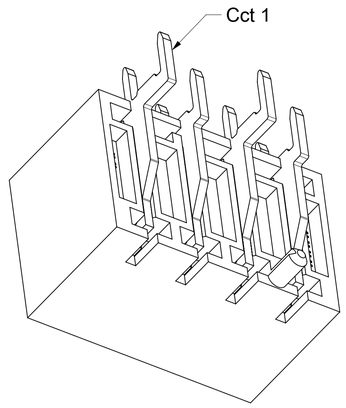
POTABLE HEADER OPTION WITH LOWER SIDE LATCH
P/N 93003-0070 - 2CCT ONLY
CONTACT ENGINEERING FOR LARGER CIRCUIT SIZES

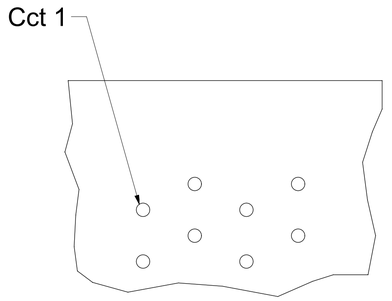



SECTION Y-Y

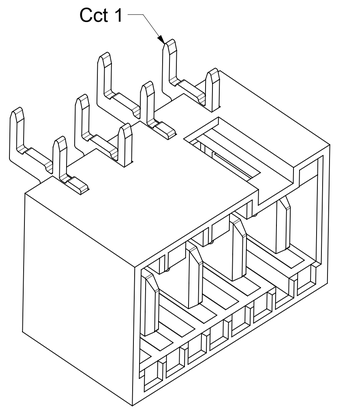



P.C.B.
OPTION "A"

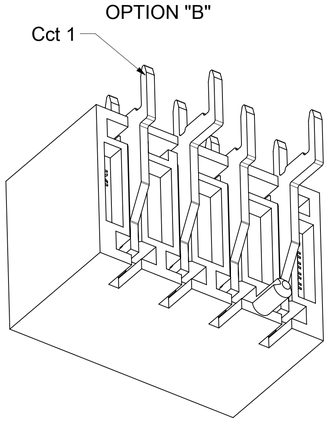


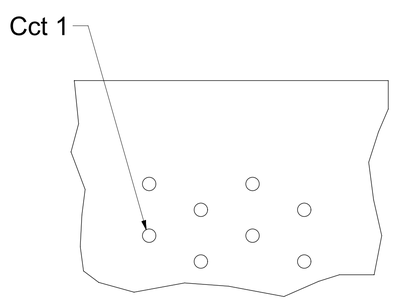




P.C.B. POLARISATION
OPTION "A"
PCB VIEW IS FROM
SOLDER SIDE

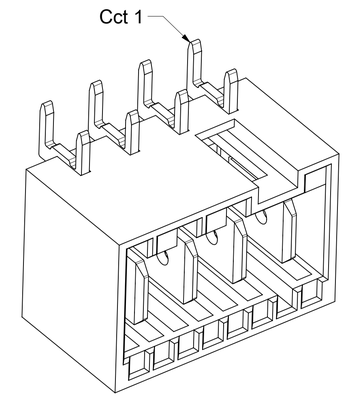



P.C.B.
OPTION "B"

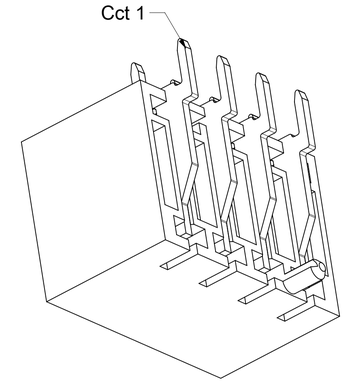


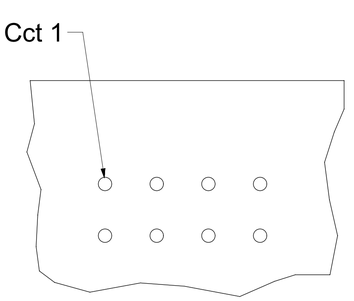




P.C.B. POLARISATION
OPTION "B"
PCB VIEW IS FROM
SOLDER SIDE




P.C.B.
OPTION "C"




P.C.B. POLARISATION
OPTION "C"
PCB VIEW IS FROM
SOLDER SIDE

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 | 4:1 |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | |
| ANGULAR TOL | ± 2.0 ° | | |
| 4 PLACES | ± | | |
| 3 PLACES | ± | | |
| 2 PLACES | ± 0.1 | | |
| 1 PLACE | ± 0.2 | | |
| 0 PLACES | ± | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | |

CURRENT REV DESC:

EC NO: 749359
DRWN: RAHULH3 2023/05/12
CHK'D: RAHULH3 2023/05/12
APPR: MRAMAKRISHNA 2023/05/12

INITIAL REVISION:
DRWN: AKABADI 2017/09/08
APPR: BRUTTLE 2017/11/10

THIRD ANGLE PROJECTION | DRAWING: A1-SIZE | SERIES: 93003

molex

RAST 5 R.A. HDR PA 66 HOUSING

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 930030001 | PSD | 000 | B1 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE SHEET 3-11 | GENERAL MARKET | 2 OF 11 |

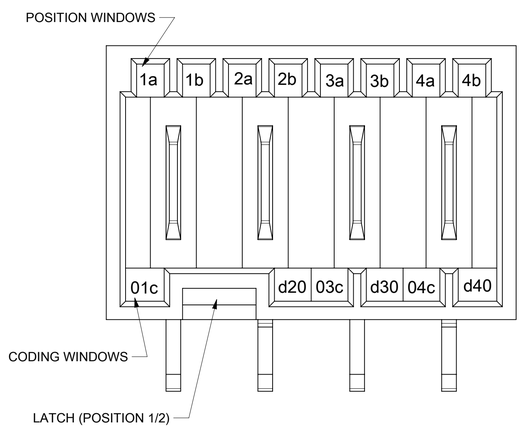
| DOCUMENT STATUS | P1 | RELEASE DATE | 2023/05/12 09:50:23 |
|---|---|---|---|

# 2 CIRCUIT

SEE CODE DESIGNATION TABLE FOR NUMBERING FORMAT WHEN ADDING NEW PART NUMBERS

| PART NO. (TIN) | TERM NO. (TIN) | MOLEX HOUSING NO. | TERMINAL VOID POSITION | UNBLOCKED POSITION KEYS | UNBLOCKED CODING KEYS | LATCH POSITION | CONFIGURATION (SEE NOTES) | LUMBERG K REF | TERM NO. (SILVER) | PART NO. (SILVER) | P.C.B. POLARISATION OPTION | TOP SIDE LATCH | POTABLE HOUSING |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 93003-0003 | 91703-0005/8 | 93002-0002 | NONE | 1b 2a | 01c d20 | 1/2 |  | K01 | 91703-0006/9 | 93003-0499 | A | YES | NO |
| 93003-0046 | 91703-0005/8 | 93002-0003 | NONE | 1a 2b | 01c | 1/2 |  | K02 | 91703-0006/9 | 93003-0498 | A | YES | |
| 93003-0026 | 91703-0005/8 | 93002-0004 | NONE | 1b 2b | 01c | 1/2 |  | K09 | 91703-0006/9 | 93003-0488 | A | YES | |
| 93003-0018 | 91703-0005/8 | 93002-0005 | NONE | 2a | 01c d20 | 1/2 |  | K03 | 91703-0006/9 | 93003-0495 | A | YES | |
| 93003-0021 | 91703-0005/8 | 93002-0006 | NONE | 1b | 01c d20 | 1/2 |  | K16 | 91703-0006/9 | 93003-0492 | A | YES | |
| 93003-0022 | 91703-0005/8 | 93002-0007 | NONE | 1a 2b | NONE | 1/2 |  | K06 | 91703-0006/9 | 93003-0491 | A | YES | |
| 93003-0019 | 91703-0005/8 | 93002-0008 | NONE | 1a 2b | d20 | 1/2 |  | K05 | 91703-0006/9 | 93003-0478 | A | YES | |
| 93003-0058 | 91703-0005/8 | 93002-0009 | NONE | 2b | NONE | 1/2 |  | K11 | 91703-0006/9 | 93003-0476 | A | YES | |
| 93003-0029 | 91703-0005/8 | 93002-0010 | NONE | 1a 1b | d20 | 1/2 |  | K13 | 91703-0006/9 | 93003-0486 | A | YES | |
| 93003-0030 | 91703-0005/8 | 93002-0011 | NONE | 2a 2b | NONE | 1/2 |  | K31 | 91703-0006/9 | 93003-0485 | A | YES | |
| 93003-0059 | 91703-0005/8 | 93002-0012 | NONE | 2b | d20 | 1/2 |  | K38 | 91703-0006/9 | 93003-0475 | A | YES | |
| 93003-0060 | 91703-0005/8 | 93002-0013 | NONE | 1a 2a | 01c d20 | 1/2 |  | K44 | 91703-0006/9 | 93003-0474 | A | YES | |
| 93003-0061 | 91703-0005/8 | 93002-0014 | NONE | 1a 1b | NONE | 1/2 |  | K40 | 91703-0006/9 | 93003-0473 | A | YES | |
| 93003-0020 | 91703-0005/8 | 93002-0015 | NONE | 1a 1b | 01c | 1/2 |  | K04 | 91703-0006/9 | 93003-0493 | A | YES | |
| 93003-0062 | 91703-0005/8 | 93002-0016 | NONE | 2b | 01c d20 | 1/2 |  | K15 | 91703-0006/9 | 93003-0472 | A | YES | |
| 93003-0057 | 91703-0005/8 | 93002-0017 | NONE | 1a | 01c d20 | 1/2 |  | K12 | 91703-0006/9 | 93003-0477 | A | YES | |
| 93003-0009 | 91703-0005/8 | 93002-0018 | NONE | 1a 2a | 01c | 1/2 |  | K10 | 91703-0006/9 | 93003-0496 | A | YES | |
| 93003-0049 | 91703-0005/8 | 93002-0019 | NONE | ALL | d20 | 1/2 |  | K34 | 91703-0006/9 | 93003-0481 | A | YES | |
| 93003-0056 | 91703-0005/8 | 93002-0020 | NONE | 1b 2a 2b | d20 | 1/2 |  | K07 | 91703-0006/9 | 93003-0479 | A | YES | |
| 93003-0063 | 91703-0005/8 | 93002-0002 | NONE | 1b 2a | 01c d20 | 1/2 |  | K01 | 91703-0006/9 | 93003-0471 | B | YES | |

## LOWER SIDE LATCH




KEYING, CODING & LATCH POSITION
(4CCT EXAMPLE SHOWN)
VIEW INMATING DIRECTION

## TOP SIDE LATCH




KEYING, CODING & LATCH POSITION
(4CCT EXAMPLE SHOWN)
VIEW INMATING DIRECTION

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FUNCTIONAL SYMBOLS
EA = 0
EC = 0
EP = 0

DIVISIONAL SYMBOLS

DIMENSION UNITS: mm
SCALE: 1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | |
|---|---|
| ANGULAR TOL | ± 2.0 ° |
| 4 PLACES | ± |
| 3 PLACES | ± |
| 2 PLACES | ± 0.1 |
| 1 PLACE | ± 0.2 |
| 0 PLACES | ± |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 749359
DRWN: RAHULH3 2023/05/12
CHK'D: RAHULH3 2023/05/12
APPR: MRAMAKRISHNA 2023/05/12

INITIAL REVISION:
DRWN: AKABADI 2017/09/08
APPR: BRUTTLE 2017/11/10

THIRD ANGLE PROJECTION
DRAWING: A1-SIZE
SERIES: 93003

molex

RAST 5 R.A. HDR PA 66 HOUSING

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 930030001 | PSD | 000 | B1 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE SHEET 3-11 | GENERAL MARKET | 3 OF 11 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2023/05/12 09:50:23 |
|---|---|---|---|

# 2 CIRCUIT

SEE CODE DESIGNATION TABLE FOR NUMBERING FORMAT WHEN ADDING NEW PART NUMBERS

| PART NO. (TIN) | TERM NO. (TIN) | MOLEX HOUSING NO. | TERMINAL VOID POSITION | UNBLOCKED POSITION KEYS | UNBLOCKED CODING KEYS | LATCH POSITION | CONFIGURATION (SEE NOTES) | LUMBERG K REF | TERM NO. (SILVER) | PART NO. (SILVER) | P.C.B. POLARISATION OPTION | TOP SIDE LATCH | POTABLE HOUSING |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 93003-0064 | 91703-0005/8 | 93002-0024 | NONE | ALL | ALL | 1/2 |  | K00 | 91703-0006/9 | 93003-0470 | A | YES | NO |
| 93003-0065 | 91703-0005/8 | 93002-0003 | NONE | 1a 2b | 01c | 1/2 |  | K02 | 91703-0006/9 | 93003-0469 | A | NO | |
| 93003-0066 | 91703-0005/8 | 93002-0003 | NONE | 1a 2b | 01c | 1/2 |  | K02 | 91703-0006/9 | 93003-0468 | B | NO | |
| 93003-0067 | 91703-0005/8 | 93002-0035 | NONE | 1b 2a 2b | 01c d20 | 1/2 |  | K78 | 91703-0006/9 | 93003-0467 | A | YES | |
| 93003-0068 | 91703-0005/8 | 93002-0002 | NONE | 1b 2a | 01c d20 | 1/2 |  | K01 | 91703-0006/9 | 93003-0466 | A | NO | |
| 93003-0069 | 91703-0005/8 | 93002-0005 | NONE | 2a | 01c d20 | 1/2 |  | K03 | 91703-0006/9 | 93003-0465 | A | NO | |
| 93003-0070 | 91703-0005/8 | 93228-0008 | NONE | 1a 2b | NONE | 1/2 |  | --- | 91703-0006/9 | 93003-0464 | A | NO | YES |
| 93003-0071 | 91703-0005 | 93002-0028 | NONE | 1a 2a 2b | 01c d20 | 1/2 |  | --- | 91703-0006 | 93003-0463 | C | YES | NO |
| 93003-0072 | 91703-0005/8 | 93002-0026 | NONE | 2a 2b | 01c | 1/2 |  | --- | 91703-0006/9 | 93003-0462 | A | YES | NO |

B

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
FD = 0

DIVISIONAL SYMBOLS

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

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | | |
|---|---|---|
| ANGULAR TOL | ± | 2.0 ° |
| 4 PLACES | ± | |
| 3 PLACES | ± | |
| 2 PLACES | ± | 0.1 |
| 1 PLACE | ± | 0.2 |
| 0 PLACES | ± | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 749359
DRWN: RAHULH3 2023/05/12
CHK'D: RAHULH3 2023/05/12
APPR: MRAMAKRISHNA 2023/05/12

INITIAL REVISION:
DRWN: AKABADI 2017/09/08
APPR: BRUTTLE 2017/11/10

molex

RAST 5 R.A. HDR PA 66 HOUSING

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 930030001 | PSD | 000 | B1 |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A1-SIZE | 93003 | SEE SHEET 3-11 | GENERAL MARKET | 4 OF 11 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2023/05/12 09:50:23 |
|---|---|---|---|

# 3 CIRCUIT

SEE CODE DESIGNATION TABLE FOR NUMBERING FORMAT WHEN ADDING NEW PART NUMBERS

| PART NO. (TIN) | TERM NO. (TIN) | MOLEX HOUSING NO. | TERMINAL VOID POSITION | UNBLOCKED POSITION KEYS | UNBLOCKED CODING KEYS | LATCH POSITION | CONFIGURATION (SEE NOTES) | LUMBERG K REF | TERM NO. (SILVER) | PART NO. (SILVER) | P.C.B. POLARISATION OPTION | TOP SIDE LATCH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 93003-0502 | 91703-0005/8 | 93002-1000 | NONE | 1b | 01c d20 | 1/2 |  | K01 | 91703-0006/9 | 93003-1249 | A | YES |
| 93003-0508 | 91703-0005/8 | 93002-1001 | NONE | 1a | 03c | 1/2 |  | K04 | 91703-0006/9 | 93003-1248 | A | YES |
| 93003-0528 | 91703-0005/8 | 93002-1002 | NONE | 1a 1b | d30 | 1/2 |  | K05 | 91703-0006/9 | 93003-1247 | A | YES |
| 93003-0512 | 91703-0005/8 | 93002-1003 | NONE | 1a 3b | 01c | 1/2 |  | K06 | 91703-0006/9 | 93003-1246 | A | YES |
| 93003-0513 | 91703-0005/8 | 93002-1004 | NONE | 1b | d20 03c | 1/2 |  | K09 | 91703-0006/9 | 93003-1245 | A | YES |
| 93003-0529 | 91703-0005/8 | 93002-1005 | NONE | 1b 2a 2b | d30 | 1/2 |  | K33 | 91703-0006/9 | 93003-1244 | A | YES |
| 93003-0530 | 91703-0005/8 | 93002-1006 | NONE | 2b | d20 | 1/2 |  | K08 | 91703-0006/9 | 93003-1243 | A | YES |
| 93003-0526 | 91703-0005/8 | 93002-1007 | NONE | ALL | d10 d30 | 2/3 |  | K38 | 91703-0006/9 | 93003-1242 | A | YES |
| 93003-0527 | 91703-0005/8 | 93002-1008 | NONE | ALL | d20 | 1/2 |  | K40 | 91703-0006/9 | 93003-1241 | A | YES |
| 93003-0531 | 91703-0005/8 | 93002-1014 | NONE | ALL | ALL | 1/2 |  | K00 | 91703-0006/9 | 93003-1240 | A | YES |
| 93003-0532 | 91703-0005/8 | 93002-1020 | NONE | 3b | 01c d30 | 1/2 |  | K37 | 91703-0006/9 | 93003-1239 | A | YES |
| 93003-0533 | 91703-0005/8 | 93002-1021 | NONE | 1b 3a | 01c | 1/2 |  | K03 | 91703-0006/9 | 93003-1238 | A | NO |
| 93003-0534 | 91703-0005/8 | 93002-1000 | CCT 2 | 1b | 01c d20 | 1/2 |  | K-- | 91703-0006/9 | 93003-1237 | A | YES |
| 93003-0535 | 91703-0005/8 | 93002-1024 | CCT 2 | 3b | 01c 03c | 1/2 |  | K-- | 91703-0006/9 | 93003-1236 | A | YES |
| 93003-0536 | 91703-0005 | 93002-1011 | CCT 2 | 3b | 01c d30 | 2/3 |  | K-- | 91703-0006 | 93003-1235 | C | YES |
| 93003-0537 | 91703-0005 | 93002-1000 | NONE | 1b | 01c d20 | 1/2 |  | K-- | 91703-0006 | 93003-1234 | C | YES |
| 93003-0538 | 91703-0005 | 93002-1036 | NONE | NONE | d10 02c d30 | 2/3 |  | K-- | 91703-0006 | 93003-1233 | C | YES |
| 93003-0539 | 91703-0005/8 | 93002-1000 | NONE | 1b | 01c d20 | 1/2 |  | K01 | 91703-0006/9 | 93003-1232 | A | NO |
| 93003-0540 | 91703-0005/8 | 93002-1039 | NONE | 1b 2a | d20 | 1/2 |  | -- | 91703-0006/9 | 93003-1231 | A | NO |

B

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
FD = 0

DIVISIONAL SYMBOLS

DIMENSION UNITS: mm
SCALE: 1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | |
|---|---|
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| 4 PLACES | ± |
| 3 PLACES | ± |
| 2 PLACES | ± 0.1 |
| 1 PLACE | ± 0.2 |
| 0 PLACES | ± |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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INITIAL REVISION:
DRWN: AKABADI 2017/09/08
APPR: BRUTTLE 2017/11/10

molex

RAST 5 R.A. HDR PA 66 HOUSING

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 930030001 | PSD | 000 | B1 |

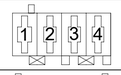
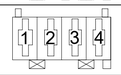
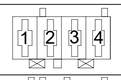
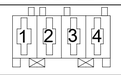
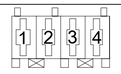
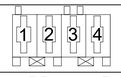
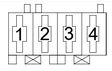
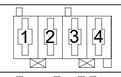
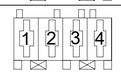
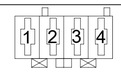
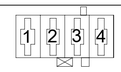
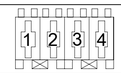
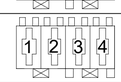
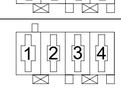
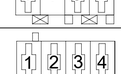
| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A1-SIZE | 93003 | SEE SHEET 3-11 | GENERAL MARKET | 5 OF 11 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2023/05/12 09:50:23 |
|---|---|---|---|

FORMAT: master fb print A1
DRAWN: AKABADI
DATE: 2023/01/16

# 4 CIRCUIT

SEE CODE DESIGNATION TABLE FOR NUMBERING FORMAT WHEN ADDING NEW PART NUMBERS

| PART NO. (TIN) | TERM NO. (TIN) | MOLEX HOUSING NO. | TERMINAL VOID POSITION | UNBLOCKED POSITION KEYS | UNBLOCKED CODING KEYS | LATCH POSITION | CONFIGURATION (SEE NOTES) | LUMBERG K REF | TERM NO. (SILVER) | PART NO. (SILVER) | P.C.B. POLARISATION OPTION | TOP SIDE LATCH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 93003-1254 | 91703-0005/8 | 93002-2000 | NONE | 1b | 03c d40 | 1/2 3/4 |  | K01 | 91703-0006/9 | 93003-1999 | A | YES |
| 93003-1264 | 91703-0005/8 | 93002-2001 | NONE | 1a 4b | d40 | 1/2 3/4 |  | K03 | 91703-0006/9 | 93003-1997 | A | YES |
| 93003-1265 | 91703-0005/8 | 93002-2002 | NONE | 2a 4b | d20 | 1/2 3/4 |  | K07 | 91703-0006/9 | 93003-1996 | A | YES |
| 93003-1267 | 91703-0005/8 | 93002-2003 | NONE | 1b 2a 3a 4b | 01c d40 | 1/2 3/4 |  | K37 | 91703-0006/9 | 93003-1994 | A | YES |
| 93003-1278 | 91703-0005/8 | 93002-2004 | NONE | 1a 2b 4b | 01c 03c d40 | 1/2 3/4 |  | K44 | 91703-0006/9 | 93003-1988 | A | YES |
| 93003-1279 | 91703-0005/8 | 93002-2005 | NONE | 1a 3a 3b | 01c d20 d40 | 1/2 3/4 |  | K32 | 91703-0006/9 | 93003-1987 | A | YES |
| 93003-1280 | 91703-0005/8 | 93002-2006 | NONE | 1b 2a 4b | 01c d20 03c | 1/2 3/4 |  | K61 | 91703-0006/9 | 93003-1986 | A | YES |
| 93003-1281 | 91703-0005/8 | 93002-2007 | NONE | 1a 3a | d40 | 1/2 3/4 |  | K06 | 91703-0006/9 | 93003-1985 | A | YES |
| 93003-1282 | 91703-0005/8 | 93002-2008 | NONE | 1a 2b<br>3b 4a | 01c 03c d40 | 1/2 3/4 |  | K65 | 91703-0006/9 | 93003-1984 | A | YES |
| 93003-1266 | 91703-0005/8 | 93002-2009 | NONE | 2a 4b | d20 03c | 1/2 3/4 |  | K30 | 91703-0006/9 | 93003-1995 | A | YES |
| 93003-1276 | 91703-0005/8 | 93002-2010 | NONE | 3b | d30 | 2/3 |  | K04 | 91703-0006/9 | 93003-1989 | A | YES |
| 93003-1283 | 91703-0005/8 | 93002-2018 | NONE | ALL | ALL | 1/2 3/4 |  | K00 | 91703-0006/9 | 93003-1983 | A | YES |
| 93003-1284 | 91703-0005/8 | 93002-2022 | NONE | 1b | 03c | 1/2 3/4 |  | N/A | 91703-0006/9 | 93003-1982 | A | YES |
| 93003-1285 | 91703-0005/8 | 93002-2024 | NONE | ALL | 03c d40 | 1/2 3/4 |  | N/A | 91703-0006/9 | 93003-1981 | A | YES |
| 93003-1286 | 91703-0005/8 | 93002-2000 | NONE | 1b | 03c d40 | 1/2 3/4 |  | K01 | 91703-0006/9 | 93003-1980 | B | YES |
| 93003-1287 | 91703-0005/8 | 93002-2025 | CCT 2 | 1a 3a 3b<br>4a 4b | 03c d40 | 1/2 3/4 |  | K-- | 91703-0006/9 | 93003-1979 | A | YES |
| 93003-1288 | 91703-0005/8 | 93002-2000 | NONE | 1b | 03c d40 | 1/2 3/4 |  | K01 | 91703-0006/9 | 93003-1978 | A | NO |
| 93003-1289 | 91703-0005/8 | 93002-2032 | NONE | 1a 2b 3b 4a | d20 03c d40 | 1/2 3/4 |  | K86 | 91703-0006/9 | 93003-1977 | A | YES |

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
FD = 0

DIVISIONAL SYMBOLS

DIMENSION UNITS: mm
SCALE: 1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | |
|---|---|
| ANGULAR TOL | ± 2.0 ° |
| 4 PLACES | ± |
| 3 PLACES | ± |
| 2 PLACES | ± 0.1 |
| 1 PLACE | ± 0.2 |
| 0 PLACES | ± |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 749359
DRWN: RAHULH3 2023/05/12
CHK'D: RAHULH3 2023/05/12
APPR: MRAMAKRISHNA 2023/05/12

INITIAL REVISION:
DRWN: AKABADI 2017/09/08
APPR: BRUTTLE 2017/11/10

molex

RAST 5 R.A. HDR PA 66 HOUSING

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 930030001 | PSD | 000 | B1 |

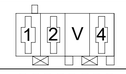
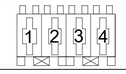
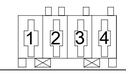
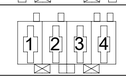
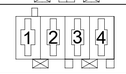
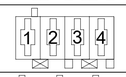
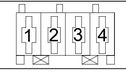
THIRD ANGLE PROJECTION | DRAWING: A1-SIZE | SERIES: 93003 | MATERIAL NUMBER: SEE SHEET 3-11 | CUSTOMER: GENERAL MARKET | SHEET NUMBER: 6 OF 11

| DOCUMENT STATUS | P1 | RELEASE DATE | 2023/05/12 09:50:23 |
|---|---|---|---|

FORMAT: master-fit-print-A1
DRAWN BY: rahulh3
DATE: 2023/05/12

# 4 CIRCUIT

SEE CODE DESIGNATION TABLE FOR NUMBERING FORMAT WHEN ADDING NEW PART NUMBERS

| PART NO. (TIN) | TERM NO. (TIN) | MOLEX HOUSING NO. | TERMINAL VOID POSITION | UNBLOCKED POSITION KEYS | UNBLOCKED CODING KEYS | LATCH POSITION | CONFIGURATION (SEE NOTES) | LUMBERG K REF | TERM NO. (SILVER) | PART NO. (SILVER) | P.C.B. POLARISATION OPTION | TOP SIDE LATCH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 93003-1290 | 91703-0005/8 | 93002-2000 | CCT 3 | 1b | 03c d40 | 1/2 3/4 |   | K01 | 91703-0006/9 | 93003-1976 | A | YES |
| 93003-1291 | 91703-0005/8 | 93002-2018 | NONE | ALL | ALL | 1/2 3/4 |   | K00 | 91703-0006/9 | 93003-1975 | A | NO |
| 93003-1292 | 91703-0005/8 | 93002-2043 | NONE | 2a 2b 3b 4b | 01c d40 | 1/2 3/4 |   | --- | 91703-0006/9 | 93003-1974 | A | YES |
| 93003-1293 | 91703-0005/8 | 93002-2045 | NONE | 1b 2b 4a 4b | d20 03c | 1/2 3/4 |   | K296 | 91703-0006/9 | 93003-1973 | A | NO |
| 93003-1294 | 91703-0005 | 93002-2000 | NONE | 1b | 03c d40 | 1/2 3/4 |   | K** | 91703-0006 | 93003-1972 | C | YES |
| 93003-1295 | 91703-0005/8 | 93002-2000 | NONE | 1b | 03c d40 | 1/2 3/4 |   | K** | 91703-0006/9 | 93003-1971 | A | YES |
| 93003-1296 | 91703-0005/8 | 93002-2048 | NONE | 1a 2b 4a | 01c d40 | 1/2 3/4 |   | -- | 91703-0006/9 | 93003-1970 | A | YES |

B

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FC = 0
FD = 0

DIVISIONAL SYMBOLS

DIMENSION UNITS: mm
SCALE: 1:1

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EC NO: 749359
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CHK'D: RAHULH3 2023/05/12
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INITIAL REVISION:
DRWN: AKABADI 2017/09/08
APPR: BRUTTLE 2017/11/10

molex

RAST 5 R.A. HDR PA 66 HOUSING

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 930030001 | PSD | 000 | B1 |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A1-SIZE | 93003 | SEE SHEET 3-11 | GENERAL MARKET | 7 OF 11 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2023/05/12 09:50:23 |
|---|---|---|---|

# 5 CIRCUIT

SEE CODE DESIGNATION TABLE FOR NUMBERING FORMAT WHEN ADDING NEW PART NUMBERS

| PART NO. (TIN) | TERM NO. (TIN) | MOLEX HOUSING NO. | TERMINAL VOID POSITION | UNBLOCKED POSITION KEYS | UNBLOCKED CODING KEYS | LATCH POSITION | CONFIGURATION (SEE NOTES) | LUMBERG K REF | TERM NO. (SILVER) | PART NO. (SILVER) | P.C.B. POLARISATION OPTION | TOP SIDE LATCH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 93003-2000 | 91703-0005/8 | 93002-3000 | NONE | 1a 5b | 01c d30 | 1/2 2/3 | 1 2 3 4 5 | K01 | 91703-0006/9 | 93003-2749 | A | YES |
| 93003-2001 | 91703-0005/8 | 93002-3001 | NONE | 1a 3a | 01c d30 | 1/2 4/5 | 1 2 3 4 5 | K30 | 91703-0006/9 | 93003-2748 | A | YES |
| 93003-2002 | 91703-0005/8 | 93002-3002 | NONE | 1a 5b | 01c d20<br>03c d50 | 1/2 3/4 | 1 2 3 4 5 | K31 | 91703-0006/9 | 93003-2747 | A | YES |
| 93003-2003 | 91703-0005/8 | 93002-3003 | NONE | 1b 2a 3b 5a | 01c 03c | 1/2 3/4 | 1 2 3 4 5 | K35 | 91703-0006/9 | 93003-2746 | A | YES |
| 93003-2023 | 91703-0005/8 | 93002-3004 | NONE | 1a 2a 2b 4b 5b | 01c d30<br>04c d50 | 1/2 2/3<br>4/5 | 1 2 3 4 5 | K36 | 91703-0006/9 | 93003-2732 | A | YES |
| 93003-2024 | 91703-0005/8 | 93002-3005 | NONE | 2a | 01c d50 | 2/3 4/5 | 1 2 3 4 5 | K43 | 91703-0006/9 | 93003-2731 | A | YES |
| 93003-2025 | 91703-0005/8 | 93002-3006 | NONE | 2a 4b | 01c d20 d40 | 1/2 3/4 | 1 2 3 4 5 | K44 | 91703-0006/9 | 93003-2730 | A | YES |
| 93003-2026 | 91703-0005/8 | 93002-3007 | NONE | 2b | d20 | 1/2 4/5 | 1 2 3 4 5 | K02 | 91703-0006/9 | 93003-2729 | A | YES |
| 93003-2027 | 91703-0005/8 | 93002-3008 | NONE | 4b 5a | 01c d30<br>04c d50 | 1/2 4/5 | 1 2 3 4 5 | K45 | 91703-0006/9 | 93003-2728 | A | YES |
| 93003-2028 | 91703-0005/8 | 93002-3009 | NONE | NONE | 01c d40 | 1/2 3/4 | 1 2 3 4 5 | K46 | 91703-0006/9 | 93003-2727 | A | YES |
| 93003-2029 | 91703-0005/8 | 93002-3032 | NONE | 1a 4b | d30 | 1/2 4/5 | 1 2 3 4 5 | K04 | 91703-0006/9 | 93003-2726 | A | YES |
| 93003-2030 | 91703-0005/8 | 93002-3011 | NONE | 1a 5b | d20 d40 | 1/2 3/4 | 1 2 3 4 5 | K77 | 91703-0006/9 | 93003-2725 | A | YES |
| 93003-2005 | 91703-0005/8 | 93002-3012 | NONE | 1b 2b 4a | d20 d30 d50 | 1/2 4/5 | 1 2 3 4 5 | K40 | 91703-0006/9 | 93003-2744 | A | YES |
| 93003-2016 | 91703-0005/8 | 93002-3013 | NONE | 3b 4a 5b | 01c d30 d50 | 2/3 4/5 | 1 2 3 4 5 | K47 | 91703-0006/9 | 93003-2738 | A | YES |
| 93003-2018 | 91703-0005/8 | 93002-3014 | NONE | 1a 4b | 01c | 1/2 3/4 | 1 2 3 4 5 | K48 | 91703-0006/9 | 93003-2736 | A | YES |
| 93003-2020 | 91703-0005/8 | 93002-3015 | NONE | 1a 5b | d30 04c | 2/3 | 1 2 3 4 5 | K50 | 91703-0006/9 | 93003-2734 | A | YES |
| 93003-2021 | 91703-0005/8 | 93002-3016 | NONE | 1b 2a 4a | 01c 04c d50 | 1/2 4/5 | 1 2 3 4 5 | K51 | 91703-0006/9 | 93003-2733 | A | YES |
| 93003-2022 | 91703-0005/8 | 93002-3017 | NONE | 2b 3b 4a | 01c d20 d40 | 1/2 3/4 | 1 2 3 4 5 | K52 | 91703-0006/9 | 93003-2735 | A | YES |
| 93003-2031 | 91703-0005/8 | 93002-3024 | NONE | ALL | ALL | 1/2 3/4 | 1 2 3 4 5 | K00 | 91703-0006/9 | 93003-2724 | A | YES |
| 93003-2032 | 91703-0005/8 | 93002-3025 | CCT 3 | 2b | d30 | 1/2 4/5 | 1 2 V 4 5 | N/A | 91703-0006/9 | 93003-2723 | B | YES |
| 93003-2033 | 91703-0005/8 | 93002-3027 | CCT 2 | 2b | 01c d20 03c<br>d30 04c d50 | 1/2 4/5 | 1 V 3 4 5 | N/A | 91703-0006/9 | 93003-2722 | A | YES |
| 93003-2034 | 91703-0005/8 | 93002-3028 | CCT 3 | 2b | 01c d20 03c<br>04c d50 | 1/2 4/5 | 1 2 V 4 5 | N/A | 91703-0006/9 | 93003-2721 | A | YES |

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
FD = 0
DIVISIONAL SYMBOLS

DIMENSION UNITS: mm
SCALE: 1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | |
|---|---|
| ANGULAR TOL | ± 2.0 ° |
| 4 PLACES | ± |
| 3 PLACES | ± |
| 2 PLACES | ± 0.1 |
| 1 PLACE | ± 0.2 |
| 0 PLACES | ± |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 749359
DRWN: RAHULH3 2023/05/12
CHK'D: RAHULH3 2023/05/12
APPR: MRAMAKRISHNA 2023/05/12

INITIAL REVISION:
DRWN: AKABADI 2017/09/08
APPR: BRUTTLE 2017/11/10

molex

RAST 5 R.A. HDR PA 66 HOUSING

PRODUCT CUSTOMER DRAWING

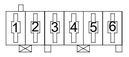
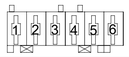
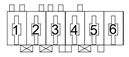
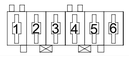
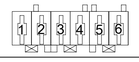
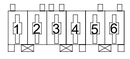
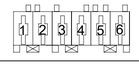
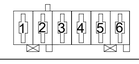
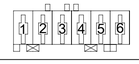
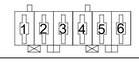
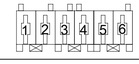
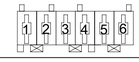
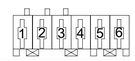
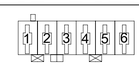
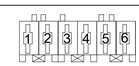
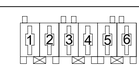
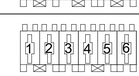
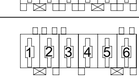
| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 930030001 | PSD | 000 | B1 |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A1-SIZE | 93003 | SEE SHEET 3-11 | GENERAL MARKET | 8 OF 11 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2023/05/12 09:50:23 |
|---|---|---|---|

# 6 CIRCUIT

SEE CODE DESIGNATION TABLE FOR NUMBERING FORMAT WHEN ADDING NEW PART NUMBERS

| PART NO. (TIN) | TERM NO. (TIN) | MOLEX HOUSING NO. | TERMINAL VOID POSITION | UNBLOCKED POSITION KEYS | UNBLOCKED CODING KEYS | LATCH POSITION | CONFIGURATION (SEE NOTES) | LUMBERG K REF | TERM NO. (SILVER) | PART NO. (SILVER) | P.C.B. POLARISATION OPTION | TOP SIDE LATCH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 93003-2753 | 91703-0005/8 | 93002-4000 | NONE | 1b | 03c d60 | 1/2 4/5 |  | K01 | 91703-0006/9 | 93003-3499 | A | YES |
| 93003-2754 | 91703-0005/8 | 93002-4001 | NONE | 1a 3b 4b | 01c d50 06c | 1/2 4/5 |  | K30 | 91703-0006/9 | 93003-3498 | A | YES |
| 93003-2755 | 91703-0005/8 | 93002-4002 | NONE | 1a 1b 2b 3a 3b 4b | d30 04c d50 | 1/2 2/3 4/5 |  | K37 | 91703-0006/9 | 93003-3497 | A | YES |
| 93003-2756 | 91703-0005/8 | 93002-4003 | NONE | 1a 1b 4a 4b | d10 d50 | 2/3 4/5 |  | K39 | 91703-0006/9 | 93003-3496 | A | YES |
| 93003-2757 | 91703-0005/8 | 93002-4004 | NONE | 2a 4b 5a 6b | d20 03c 05c | 1/2 3/4 5/6 |  | K42 | 91703-0006/9 | 93003-3495 | A | YES |
| 93003-2758 | 91703-0005/8 | 93002-4005 | NONE | 1a 2b 3a 3b 5b 6b | 01c d40 d60 | 1/2 3/4 5/6 |  | K43 | 91703-0006/9 | 93003-3494 | A | YES |
| 93003-2759 | 91703-0005/8 | 93002-4006 | NONE | 1b 2a 3a 4b 5a 5b 6b | 01c 03c d60 | 1/2 3/4 5/6 |  | K44 | 91703-0006/9 | 93003-3493 | A | YES |
| 93003-2760 | 91703-0005/8 | 93002-4007 | NONE | 2b | d20 d60 | 1/2 5/6 |  | K46 | 91703-0006/9 | 93003-3492 | A | YES |
| 93003-2761 | 91703-0005/8 | 93002-4008 | NONE | 2b 3b 4a | 01c d50 06c | 1/2 4/5 |  | K36 | 91703-0006/9 | 93003-3491 | A | YES |
| 93003-2762 | 91703-0005/8 | 93002-4009 | NONE | 1b 4b | d20 03c d50 06c | 1/2 4/5 |  | K58 | 91703-0006/9 | 93003-3486 | A | YES |
| 93003-2764 | 91703-0005/8 | 93002-4010 | NONE | 1a 2b 3b 4a 6b | 01c 03c d40 05c d60 | 1/2 3/4 5/6 |  | K59 | 91703-0006/9 | 93003-3485 | A | YES |
| 93003-2765 | 91703-0005/8 | 93002-4011 | NONE | 1a 2b 4a 6b | 01c d40 | 1/2 3/4 5/6 |  | K62 | 91703-0006/9 | 93003-3484 | A | YES |
| 93003-2763 | 91703-0005/8 | 93002-4029 | NONE | 1b 2b 3b | 01c 05c d60 | 1/2 3/4 5/6 |  | K04 | 91703-0006/9 | 93003-3490 | A | YES |
| 93003-2766 | 91703-0005/8 | 93002-4013 | NONE | 1b | d20 03c | 1/2 4/5 |  | K55 | 91703-0006/9 | 93003-3489 | A | YES |
| 93003-2767 | 91703-0005/8 | 93002-4014 | NONE | 1b 2a 3a 5a 5b | 01c d20 03c d40 d60 | 1/2 3/4 5/6 |  | K56 | 91703-0006/9 | 93003-3488 | A | YES |
| 93003-2771 | 91703-0005/8 | 93002-4015 | NONE | 1a 3a 3b 5b 6a | 01c d20 d40 05c d60 | 1/2 3/4 5/6 |  | K60 | 91703-0006/9 | 93003-3487 | A | YES |
| 93003-2772 | 91703-0005/8 | 93002-4018 | NONE | ALL | ALL | 1/2 4/5 |  | K00 | 91703-0006/9 | 93003-3483 | A | YES |
| 93003-2773 | 91703-0005/8 | 93002-4024 | NONE | 1b 2a 2b 3a 6a 6b | d20 04c d60 | 1/2 5/6 |  | K29 | 91703-0006/9 | 93003-3482 | A | NO |

FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FD = 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 | 1:1 |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | |
|---|---|
| ANGULAR TOL | ± 2.0 ° |
| 4 PLACES | ± |
| 3 PLACES | ± |
| 2 PLACES | ± 0.1 |
| 1 PLACE | ± 0.2 |
| 0 PLACES | ± |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 749359
DRWN: RAHULH3 2023/05/12
CHK'D: RAHULH3 2023/05/12
APPR: MRAMAKRISHNA 2023/05/12

INITIAL REVISION:
DRWN: AKABADI 2017/09/08
APPR: BRUTTLE 2017/11/10

molex

RAST 5 R.A. HDR PA 66 HOUSING

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 930030001 | PSD | 000 | B1 |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A1-SIZE | 93003 | SEE SHEET 3-11 | GENERAL MARKET | 9 OF 11 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2023/05/12 09:50:23 |
|---|---|---|---|

# 7 CIRCUIT

SEE CODE DESIGNATION TABLE FOR NUMBERING FORMAT WHEN ADDING NEW PART NUMBERS

| PART NO. (TIN) | TERM NO. (TIN) | MOLEX HOUSING NO. | TERMINAL VOID POSITION | UNBLOCKED POSITION KEYS | UNBLOCKED CODING KEYS | LATCH POSITION | CONFIGURATION (SEE NOTES) | LUMBERG K REF | TERM NO. (SILVER) | PART NO. (SILVER) | P.C.B. POLARISATION OPTION | TOP SIDE LATCH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 93003-3500 | 91703-0005/8 | 93002-5000 | NONE | NONE | 03c d40 07c | 1/2 5/6 | 1 2 3 4 5 6 7 | K01 | 91703-0006/9 | 93003-4220 | A | YES |
| 93003-3512 | 91703-0005/8 | 93002-5001 | NONE | 3a 4a | d30 d70 | 1/2 5/6 | 1 2 3 4 5 6 7 | K30 | 91703-0006/9 | 93003-4248 | A | YES |
| 93003-3504 | 91703-0005/8 | 93002-5002 | NONE | 2b | d20 d60 | 1/2 5/6 | 1 2 3 4 5 6 7 | K32 | 91703-0006/9 | 93003-4247 | A | YES |
| 93003-3513 | 91703-0005/8 | 93002-5003 | NONE | 1a 1b 3a 4b 5a | 01c 07c | 1/2 3/4 5/6 | 1 2 3 4 5 6 7 | K40 | 91703-0006/9 | 93003-4240 | A | YES |
| 93003-3514 | 91703-0005/8 | 93002-5004 | NONE | 2a | 01c d50 | 2/3 4/5 | 1 2 3 4 5 6 7 | K41 | 91703-0006/9 | 93003-4239 | A | YES |
| 93003-3515 | 91703-0005/8 | 93002-5005 | NONE | 7b | 01c d40 d70 | 1/2 3/4 6/7 | 1 2 3 4 5 6 7 | K43 | 91703-0006/9 | 93003-4238 | A | YES |
| 93003-3516 | 91703-0005/8 | 93002-5006 | NONE | 1b | 03c d60 | 1/2 4/5 | 1 2 3 4 5 6 7 | K31 | 91703-0006/9 | 93003-4237 | A | YES |
| 93003-3517 | 91703-0005/8 | 93002-5007 | NONE | 1a 3a 4b 7b | 01c d20 03c 06c | 1/2 3/4 6/7 | 1 2 3 4 5 6 7 | K45 | 91703-0006/9 | 93003-4236 | A | YES |
| 93003-3518 | 91703-0005/8 | 93002-5008 | NONE | 1b 7a | 02c d50 | 2/3 6/7 | 1 2 3 4 5 6 7 | K48 | 91703-0006/9 | 93003-4235 | A | YES |
| 93003-3519 | 91703-0005/8 | 93002-5009 | NONE | 1a 2b 3a 4b 6a | d20 03c d40 d50 d70 | 1/2 3/4 6/7 | 1 2 3 4 5 6 7 | K51 | 91703-0006/9 | 93003-4234 | A | YES |
| 93003-3520 | 91703-0005/8 | 93002-5010 | NONE | 1b 6a | d20 03c d50 d70 | 1/2 3/4 6/7 | 1 2 3 4 5 6 7 | K69 | 91703-0006/9 | 93003-4233 | A | YES |
| 93003-3505 | 91703-0005/8 | 93002-5011 | NONE | 1b 2a 5a 5b 7b | d20 d50 06c d70 | 1/2 4/5 6/7 | 1 2 3 4 5 6 7 | K34 | 91703-0006/9 | 93003-4246 | A | YES |
| 93003-3506 | 91703-0005/8 | 93002-5012 | NONE | 2b | d20 07c | 1/2 3/4 5/6 | 1 2 3 4 5 6 7 | K35 | 91703-0006/9 | 93003-4245 | A | YES |
| 93003-3507 | 91703-0005/8 | 93002-5013 | NONE | 2a 2b 4b 5b 6a | d20 03c d40 d60 | 1/2 3/4 5/6 | 1 2 3 4 5 6 7 | K38 | 91703-0006/9 | 93003-4244 | A | YES |
| 93003-3510 | 91703-0005/8 | 93002-5014 | NONE | 2b 4a 4b 5b 6a | 01c d20 d40 d60 | 1/2 3/4 5/6 | 1 2 3 4 5 6 7 | K42 | 91703-0006/9 | 93003-4241 | A | YES |
| 93003-3521 | 91703-0005/8 | 93002-5016 | NONE | ALL | ALL | 1/2 5/6 | 1 2 3 4 5 6 7 | K00 | 91703-0006/9 | 93003-4232 | A | YES |
| 93003-3522 | 91703-0005/8 | 93002-5019 | CCT 6 | ALL | 03c d40 07c | 1/2 5/6 | 1 2 3 4 5 V 7 | --- | 91703-0006/9 | 93003-4231 | A | YES |
| 93003-3523 | 91703-0005/8 | 93002-5000 | NONE | NONE | 03c d40 07c | 1/2 5/6 | 1 2 3 4 5 6 7 | K01 | 91703-0006/9 | 93003-4230 | A | NO |
| 93003-3524 | 91703-0005/8 | 93002-5020 | NONE | ALL | ALL | 1/2 4/5 6/7 | 1 2 3 4 5 6 7 | K101 | 91703-0006/9 | 93003-4229 | A | YES |
| 93003-3525 | 91703-0005/8 | 93002-5019 | NONE | ALL | 03c d40 07c | 1/2 5/6 | 1 2 3 4 5 6 7 | --- | 91703-0006/9 | 93003-4228 | A | YES |
| 93003-3526 | 91703-0005/8 | 93002-5017 | CCT 4,5,6 | 2a 3b 4b 5a 6a 6b 7a | 01c d30 04c 06c d60 d70 | 1/2 4/5 | 1 2 3 V V V 7 | --- | 91703-0006/9 | 93003-4227 | A | YES |
| 93003-3527 | 91703-0005/8 | 93002-5017 | CCT 4 | 2a 3b 4b 5a 6a 6b 7a | 01c d30 04c 06c d60 d70 | 1/2 4/5 | 1 2 3 V 5 6 7 | --- | 91703-0006/9 | 93003-4226 | A | YES |
| 93003-3529 | 91703-0005/8 | 93002-5024 | NONE | 3a 4b 7a | ALL | 1/2 5/6 | 1 2 3 4 5 6 7 | --- | 91703-0006/9 | 93003-4225 | A | YES |

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

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

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | |
|---|---|
| ANGULAR TOL | ± 2.0 ° |
| 4 PLACES | ± |
| 3 PLACES | ± |
| 2 PLACES | ± 0.1 |
| 1 PLACE | ± 0.2 |
| 0 PLACES | ± |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 749359
DRWN: RAHULH3 2023/05/12
CHK'D: RAHULH3 2023/05/12
APPR: MRAMAKRISHNA 2023/05/12

INITIAL REVISION:
DRWN: AKABADI 2017/09/08
APPR: BRUTTLE 2017/11/10

molex

RAST 5 R.A. HDR PA 66 HOUSING

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 930030001 | PSD | 000 | B1 |

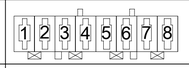
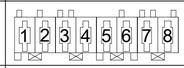
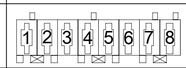
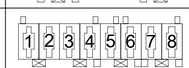
| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A1-SIZE | 93003 | SEE SHEET 3-11 | GENERAL MARKET | 10 OF 11 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2023/05/12 09:50:23 |
|---|---|---|---|

FORMAT: master-hi-print-A1
REVISION: 2
DATE: 2020/01/16

# 8 CIRCUIT

SEE CODE DESIGNATION TABLE FOR NUMBERING FORMAT WHEN ADDING NEW PART NUMBERS

| PART NO. (TIN) | TERM NO. (TIN) | MOLEX HOUSING NO. | TERMINAL VOID POSITION | UNBLOCKED POSITION KEYS | UNBLOCKED CODING KEYS | LATCH POSITION | CONFIGURATION (SEE NOTES) | LUMBERG K REF | TERM NO. (SILVER) | PART NO. (SILVER) | P.C.B. POLARISATION OPTION | TOP SIDE LATCH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 93003-4252 | 91703-0005/8 | 93002-6000 | NONE | 4a 6b | 03c d60 | 1/2 3/4 5/6 7/8 |  | K30 | 91703-0006/9 | 93003-4998 | A | YES |
| 93003-4253 | 91703-0005/8 | 93002-6001 | NONE | 1a 2a 3a 3b 6a 7a 7b 8b | 01c 05c d60 | 1/2 3/4 5/6 7/8 |  | K33 | 91703-0006/9 | 93003-4997 | A | YES |
| 93003-4254 | 91703-0005/8 | 93002-6002 | NONE | 2b 3b 4b 5a 5b 7a 8b | 01c d60 d80 | 1/2 4/5 7/8 |  | K41 | 91703-0006/9 | 93003-4996 | A | YES |
| 93003-4255 | 91703-0005/8 | 93002-6003 | NONE | 1b 4b 7b 8b | 01c d20 04c d50 07c | 1/2 4/5 7/8 |  | K45 | 91703-0006/9 | 93003-4995 | A | YES |
| 93003-4256 | 91703-0005/8 | 93002-6004 | NONE | 1a 1b 3b 5a 6b 7a 8b | 01c 03c d40 d60 | 1/2 3/4 5/6 7/8 |  | K46 | 91703-0006/9 | 93003-4993 | A | YES |
| 93003-4257 | 91703-0005/8 | 93002-6005 | NONE | 1b 5a 6b 8a | 03c d40 05c 07c d80 | 1/2 3/4 5/6 7/8 |  | K48 | 91703-0006/9 | 93003-4992 | A | YES |
| 93003-4259 | 91703-0005/8 | 93002-6006 | NONE | 8b | 02c d30 07c | 2/3 7/8 |  | -- | 91703-0006/9 | 93003-4991 | A | YES |
| 93003-4258 | 91703-0005/8 | 93002-6007 | NONE | 1a 4b 5b 6a 8b | d40 d60 07c d80 | 1/2 3/4 5/6 7/8 |  | K44 | 91703-0006/9 | 93003-4994 | A | YES |
| 93003-4263 | 91703-0005/8 | 93002-6008 | NONE | 8b | 02c d30 07c | 2/3 |  | K49 | 91703-0006/9 | 93003-4990 | A | YES |
| 93003-4264 | 91703-0005/8 | 93002-6006 | NONE | 8b | 02c d30 07c | 2/3 7/8 |  | -- | 91703-0006/9 | 93003-4989 | A | YES |

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FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FD = 0

DIVISIONAL SYMBOLS

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

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | | |
|---|---|---|
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| 4 PLACES | ± | |
| 3 PLACES | ± | |
| 2 PLACES | ± | 0.1 |
| 1 PLACE | ± | 0.2 |
| 0 PLACES | ± | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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molex

RAST 5 R.A. HDR PA 66 HOUSING

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 930030001 | PSD | 000 | B1 |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A1-SIZE | 93003 | SEE SHEET 3-11 | GENERAL MARKET | 11 OF 11 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2023/05/12 09:50:23 |
|---|---|---|---|