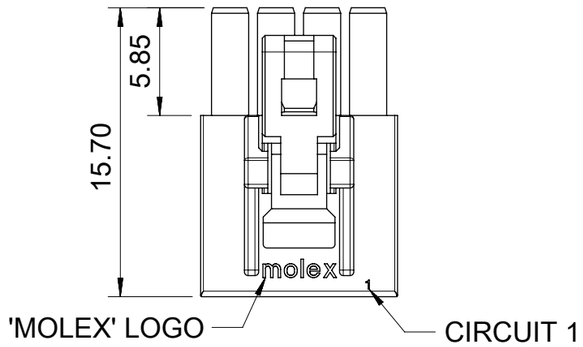
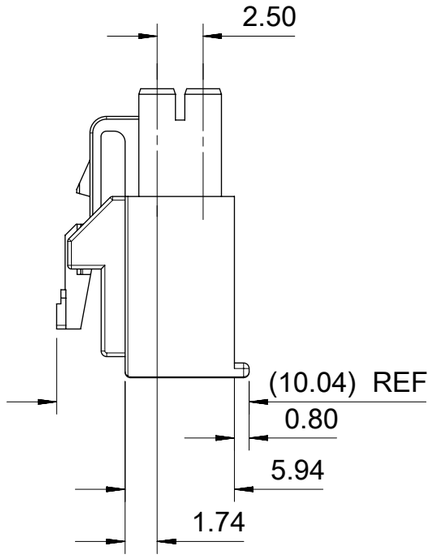
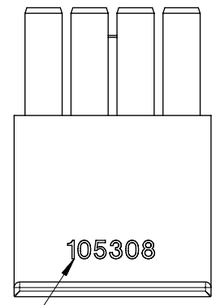
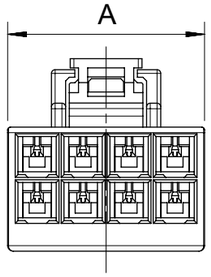
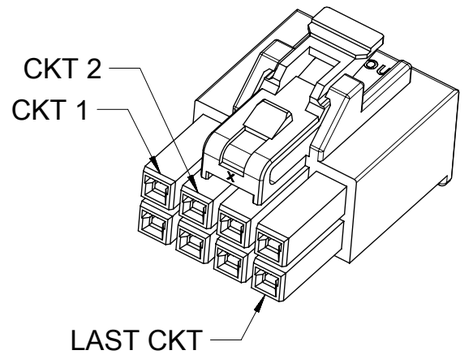



NOTES:

1. MATERIAL:
   OPTION 1: PA4T, 30% GLASS FILLED, 94V-0, BLACK
   OPTION 2: PA4T, 30 GLASS FILLED, 94V-0, NATUAL.
2. PRODUCT SPECIFICATION: PS-105300-100.
3. PACKAGE SPECIFICATION: PK-105308-100.
4. TO USED WITH TERMINAL OF 105300-****.
   TO MATE WITH HEADER OF 105310-****, 105312-**** AND 105314-****.
5. PARTS CONFORM TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
6. APPLICATION SPECIFICATION: AS-105300-100.

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/09/25 00:13:33 |
|---|---|---|---|

FORMAT: master-lb-prod-A3
REVISION: J1
DATE: 2021/05/01

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 | 3:1 |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | |
|---|---|
| ANGULAR TOL | ± 3.0 ° |
| 4 PLACES | ± |
| 3 PLACES | ± |
| 2 PLACES | ± 0.2 |
| 1 PLACE | ± 0.3 |
| 0 PLACES | ± |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 834191
DRWN: GLLI 2025/09/09
CHK'D: XQZHANG 2025/09/25
APPR: XQZHANG 2025/09/25

INITIAL REVISION:
DRWN: GLLI 2024/11/07
APPR: XQZHANG 2024/12/20

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 105308

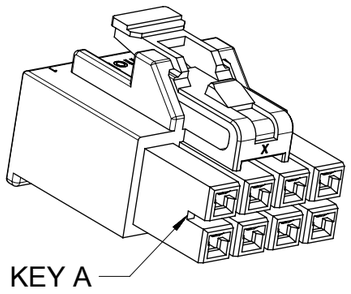
molex

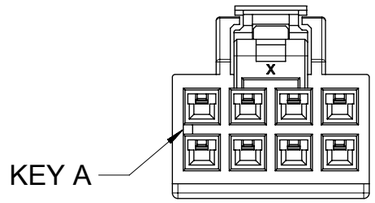
RECEPTACLE OF NANO-FIT, D/R POWER CONNECTOR

PRODUCT CUSTOMER DRAWING

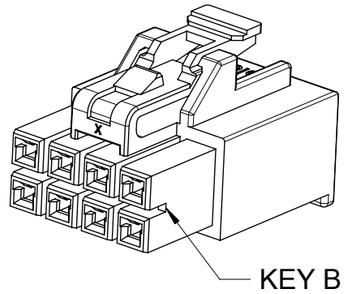
| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 1053081000-SD | PSD | 000 | A1 |

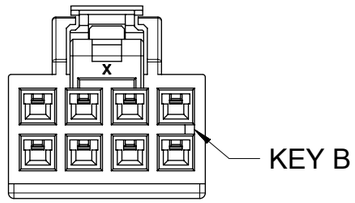
| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| | GENERAL MARKET | 1 OF 4 |




BLACK




NATURAL

COLOR OPTION

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, FB = 0 |
| DIVISIONAL SYMBOLS | |
| DIMENSION UNITS | mm |
| SCALE | 3:1 |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | |
| ANGULAR TOL | ± 3.0 ° |
| 4 PLACES | ± |
| 3 PLACES | ± |
| 2 PLACES | ± 0.2 |
| 1 PLACE | ± 0.3 |
| 0 PLACES | ± |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | |
| THIRD ANGLE PROJECTION | |
| DRAWING | A3-SIZE |
| SERIES | 105308 |

CURRENT REV DESC:

EC NO: 834191
DRWN: GLLI 2025/09/09
CHK'D: XQZHANG 2025/09/25
APPR: XQZHANG 2025/09/25

INITIAL REVISION:
DRWN: GLLI 2024/11/07
APPR: XQZHANG 2024/12/20

molex

RECEPTACLE OF NANO-FIT, D/R POWER CONNECTOR

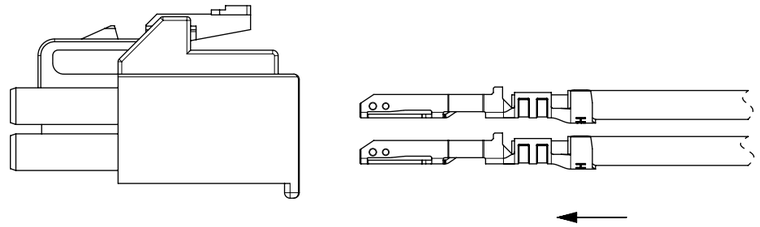
PRODUCT CUSTOMER DRAWING

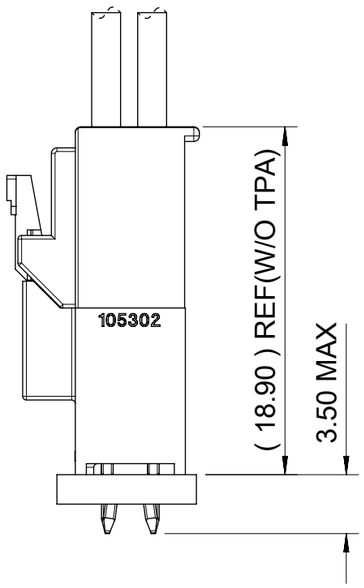
| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 1053081000-SD | PSD | 000 | A1 |

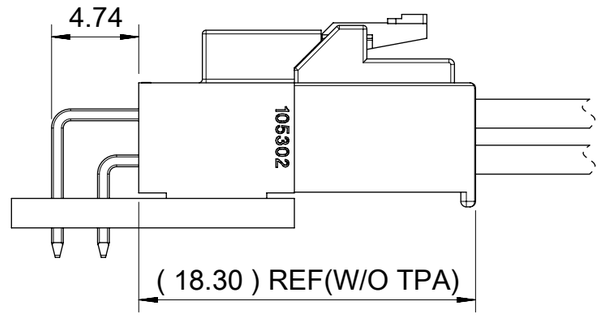
| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| | GENERAL MARKET | 2 OF 4 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/09/25 00:13:33 |
|---|---|---|---|

FORMAT: master-tb-prod-A3
REVISION: J1
DATE: 2021/05/01




| | | | | | |
|---|---|---|---|---|---|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/09/25 00:13:33 | | |

FORMAT: master-lb-prod-A3
REVISION: J1
DATE: 2021/05/01

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |

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 | 3:1 |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | | |
|---|---|---|
| ANGULAR TOL | ± | 3.0 ° |
| 4 PLACES | ± | |
| 3 PLACES | ± | |
| 2 PLACES | ± | 0.2 |
| 1 PLACE | ± | 0.3 |
| 0 PLACES | ± | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 834191
DRWN: GLLI 2025/09/09
CHK'D: XQZHANG 2025/09/25
APPR: XQZHANG 2025/09/25

INITIAL REVISION:
DRWN: GLLI 2024/11/07
APPR: XQZHANG 2024/12/20

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 105308

molex

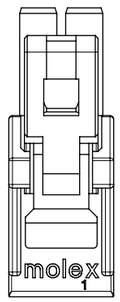
RECEPTACLE OF NANO-FIT, D/R POWER CONNECTOR

PRODUCT CUSTOMER DRAWING

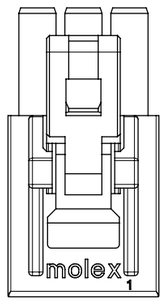
| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 1053081000-SD | PSD | 000 | A1 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| | GENERAL MARKET | 3 OF 4 |

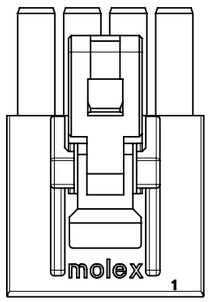
| STANDARD PARTS(WITHOUT TPA) | | | |
|---|---|---|---|
| PART No | DIM 'A' | CKT SIZE | COLOR |
| 105308-1104 | 5.70 | 4 | BLACK (KEY A) |
| 105308-1106 | 8.20 | 6 | |
| 105308-1108 | 10.70 | 8 | |
| 105308-1110 | 13.20 | 10 | |
| 105308-1112 | 15.70 | 12 | |
| 105308-1114 | 18.20 | 14 | |
| 105308-1116 | 20.70 | 16 | |
| 105308-2104 | 5.70 | 4 | NATURAL (KEY B) |
| 105308-2106 | 8.20 | 6 | |
| 105308-2108 | 10.70 | 8 | |
| 105308-2110 | 13.20 | 10 | |
| 105308-2112 | 15.70 | 12 | |
| 105308-2114 | 18.20 | 14 | |
| 105308-2116 | 20.70 | 16 | |



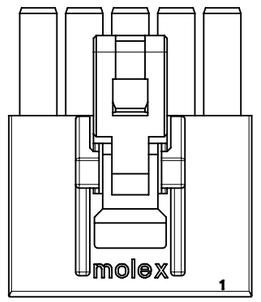

4 CKT



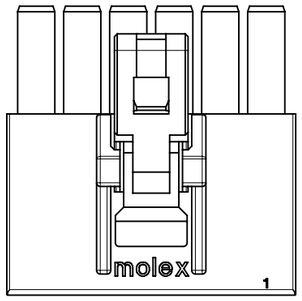

6 CKT



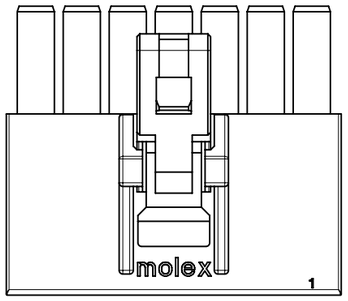

8 CKT



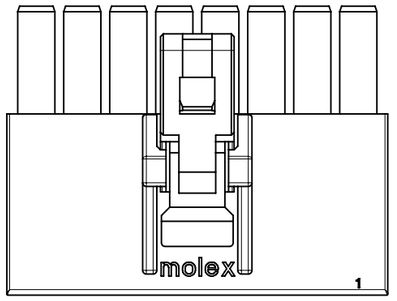

10 CKT




12 CKT




14 CKT




16 CKT

105308- * * * *

- CIRCUIT SIZE
- TPA OPTION: 1 - STANDARD, 2 - WITH TPA
- COLOR OPTION: 1 - BLACK, 2 - NATURAL

FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FD = 0
DIVISIONAL SYMBOLS

| DIMENSION UNITS | SCALE |
|---|---|
| mm | 3:1 |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | |
|---|---|
| ANGULAR TOL | ± 3.0 ° |
| 4 PLACES | ± |
| 3 PLACES | ± |
| 2 PLACES | ± 0.2 |
| 1 PLACE | ± 0.3 |
| 0 PLACES | ± |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

CURRENT REV DESC:

EC NO: 834191
DRWN: GLLI 2025/09/09
CHK'D: XQZHANG 2025/09/25
APPR: XQZHANG 2025/09/25

INITIAL REVISION:
DRWN: GLLI 2024/11/07
APPR: XQZHANG 2024/12/20

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 105308

molex

RECEPTACLE OF NANO-FIT, D/R POWER CONNECTOR

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 1053081000-SD | PSD | 000 | A1 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| | GENERAL MARKET | 4 OF 4 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/09/25 00:13:33 |
|---|---|---|---|

FORMAT: master-lb-prod-A3
REVISION: J1
DATE: 2021/05/01