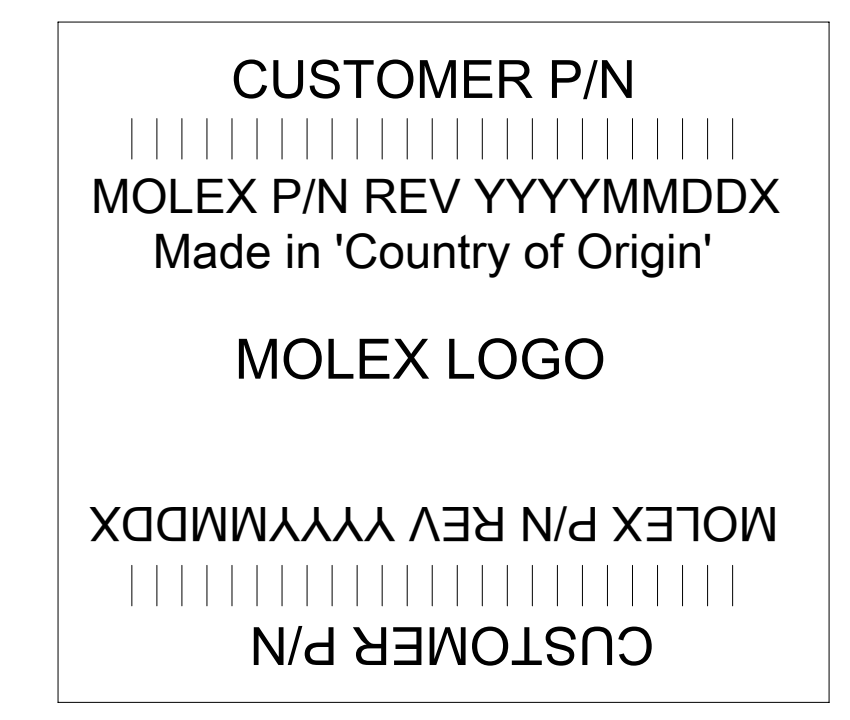
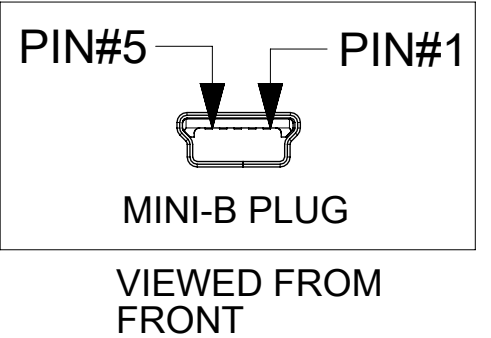
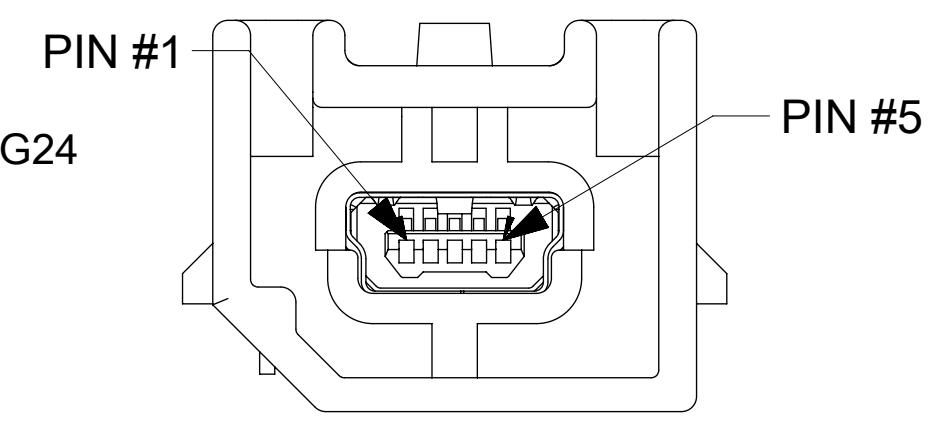
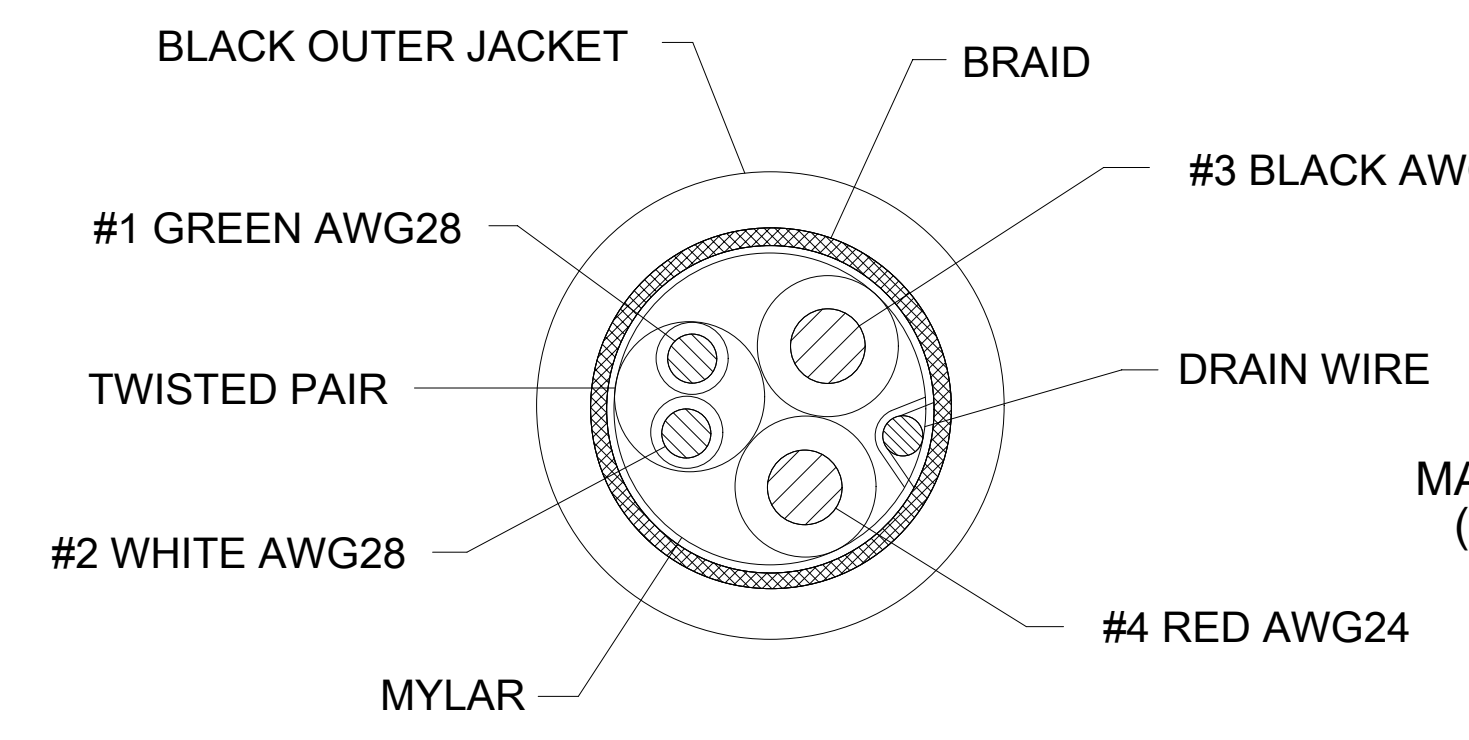


| MOLEX MAT. NO. | MINI-B POLARIZATION | | DIM "A" | CUSTOMER PART NO. |
|----------------|-----------------------|-------------------------|---------|-------------------|
| | MINI-B PLUG #1 (HOST) | MINI-B PLUG #2 (TARGET) | | |
| 111014-5000 | A | A | 500±10 | PP207013 |
| 111014-5001 | A | B | 500±10 | |
| 111014-5003 | B | B | 500±10 | |
| 111014-5016 | B | B | 2620±10 | |
| 111014-5017 | A | A | 1500±10 | |
| 111014-5018 | A | B | 1000±10 | |
| 111014-5019 | A | B | 1240±10 | |
| 111014-5021 | A | B | 570±10 | |
| 111014-5022 | A | B | 715±10 | |
| 111014-5024 | A | B | 1640±10 | |
| 111014-5025 | A | B | 1225±10 | |
| 111014-5027 | A | B | 2000±20 | |
| 111014-5028 | C (BROWN) | B | 2000±20 | |
| 111014-5029 | D | B | 2000±20 | |
| 111014-5030 | C (BROWN) | C (BROWN) | 2000±20 | |
| 111014-5031 | A | A | 3000±30 | |
| 111014-5032 | D | D | 2000±20 | |
| 111014-5033 | D | D | 3000±30 | |
| 111014-5034 | A | A | 305±10 | |
| 111014-5035 | B | B | 4800±20 | |
| 111014-5038 | A | C (BLACK) | 500±10 | |
| 111014-5039 | B | B | 300±10 | |
| 111014-5075 | A | A | 944±10 | |



LAST LETTER OF DATE CODE "X" = PRODUCTION SHIFT CODE.
 BAR CODE = MOLEX MATERIAL NUMBER.
 Country of Origin = NAME OF COUNTRY OF MANUFACTURING PLANT.

- NOTES:**
- PART MUST CONFORM TO THE ELECTRICAL CONNECTION SYSTEM DESIGN SPECIFICATION (SDS) VER 13, DATED 06-APR-06; TEMP CLASS "-40~85°C".
 - UNLESS OTHERWISE SPECIFIED, PART MUST CONFORM TO THE LATEST LEVEL OF SAE/USCAR-30 AND USB 2.0.
 - ALL PLASTIC PARTS MUST HAVE MATERIAL IDENTIFICATION SYMBOLS CLEARLY MARKED, WHEREVER PACKAGE SIZE PERMITS.
 - GENERAL TOLERANCES: ±0.25 ALL ONE PLACE DIMENSIONS, ±0.15 ALL TWO PLACE DIMENSIONS, AND ±0.5° ALL ANGULAR DIMENSIONS.
 - 0.3MM MAXIMUM RADIUS PERMISSIBLE ON EDGES AND FILLETS SHOWN AS SHARP FOR PLASTIC PARTS.
 - PARTS ARE TO BE FREE OF SCRATCHES, DISCOLORATION, SALT RESIDUE OR OTHER IMPERFECTIONS THAT MAY AFFECT FUNCTION OR FIT OF PART.
 - PLEASE REFER TO ENGINEERING SPECIFICATION 2093051000 FOR DETAIL LABEL INFORMATION.
 ATTENTION: FINAL GOODS LABEL WILL BE PRINTED WITH THE CUSTOMER PART NUMBER MENTIONED ON THE DRAWING. IF THE CUSTOMER PART NUMBER FIELD IS EMPTY, TBD, NA OR NOTATES ANOTHER PLACEHOLDER INDICATING NO CUSTOMER PART NUMBER IS AVAILABLE THEN THERE WILL BE NO CUSTOMER PART NUMBER PRINTED ON THE LABEL.
 LABEL COLOR DEFINITION:
 WHITE : MEANS IT IS A PPAP/PRODUCTION PRODUCT.
 BLUE : MEANS IT IS A NON-PPAP, PRE-PRODUCTION PART NOT INTENDED FOR SALE-ABLE VEHICLES..
 - VISIT WWW.MOLEX.COM FOR ENVIRONMENTAL COMPLIANCE INFORMATION.
 - FINISHES: TERMINAL: SELECTIVE GOLD (Au) IN THE CONTACT AREA; THICKNESS = 0.75 MICROMETER (30 MICROINCH) MINIMUM OVER NICKEL (Ni) OVERALL; THICKNESS = 1.25 MICROMETER (50 MICROINCH) MINIMUM.
 - PACKAGING SPECIFICATION: PK-68800-001.



WIRING DIAGRAM

| SIGNAL NAME | CONTACT # | MINI-B PLUG #1 (HOST) | MINI-B PLUG #2 (TARGET) | CONTACT # | SIGNAL NAME |
|-------------|-----------|----------------------------|-------------------------|-------------|-------------|
| | | WIRE COLORS | WIRE COLORS | | |
| VBUS | 1 | RED | RED | 1 | VBUS |
| D- | 2 | WHITE | WHITE | 2 | D- |
| D+ | 3 | GREEN | GREEN | 3 | D+ |
| NO CONNECT | 4 | NO CONNECT | NO CONNECT | 4 | NO CONNECT |
| GND | 5 | BLACK | BLACK | 5 | GND |
| CABLE BRAID | SHELL | BRAID TO SHELL TERMINATION | SHELL | CABLE BRAID | |

| | | | | | |
|--|---|--------------------------------------|----------------|--|--------------|
| FUNCTIONAL SYMBOLS FA = 0 FE = 0 FP = 0 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | CURRENT REV DESC: SEE REVISION TABLE | | | |
| | DIMENSION UNITS: mm | SCALE: 2:1 | EC NO: 700203 | | |
| DIVISIONAL SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DRWN: AKSHAK13 2022/02/14 | | USB CABLE ASSEMBLY | |
| | ANGULAR TOL ± 3.0° | CHK'D: GKUNCHOORU 2022/05/23 | | MINI-B PLUG STRAIGHT TO MINI-B PLUG STRAIGHT | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | 4 PLACES ± | APPR: TSWAROOPNUNE 2022/05/25 | | PRODUCT CUSTOMER DRAWING | |
| | 3 PLACES ± | INITIAL REVISION: | | DOCUMENT NUMBER | |
| THIRD ANGLE PROJECTION | 2 PLACES ± 0.13 | DRWN: JREEVES 2007/09/07 | | DOC TYPE DOC PART REVISION | |
| | 1 PLACE ± 0.25 | APPR: KMONROE 2007/09/11 | | SD-111014-1000 PSD 001 Y | |
| D-DRAWING SERIES | 0 PLACES ± | MATERIAL NUMBER | | CUSTOMER | |
| | SEE CHART | | GENERAL MARKET | | SHEET NUMBER |
| D-DRAWING SERIES | | 111014 | | 1 OF 2 | |

REVISIONS

| DATE | PDD DOCUMENT REV. | PSD DOCUMENT REV. | DESCRIPTION |
|------------|-------------------|-------------------|--|
| 2020/08/23 | R | U | ADDED NEW LENGTH 815MM WITH PN 111014-5075 |
| 2020/10/30 | T | V | 1.CHANGED LENGTH TO 949 WAS 815 WITH PN:111014-5075. 2.ADDED THE REV.HISTORY TABLE |
| 2021/06/04 | U | W | 1.CHANGED LENGTH TO 900 WAS 949 AND ADDED CUST. P/N: 114G0-027638-01 WITH PN:111014-5075. |
| 2022/02/14 | Y | Y | 1. CHANGED LENGTH TO 944 WAS 900. 2. REMOVED CUST. P/N: 114G0-027638-01. 3. UPDATED NOTES. |

| | | | |
|--------------------|---|------------------------|---|
| 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: SEE REVISION TABLE |
| $\nabla_A = 0$ | mm | 1:1 | EC NO: 700203 DRWN: AKSHAK13 2022/02/14 CHK'D: GKUNCHOORU 2022/05/23 APPR: TSWAROOPNUNE 2022/05/25 |
| $\nabla_C = 0$ | GENERAL TOLERANCES (UNLESS SPECIFIED) | | |
| $\nabla_P = 0$ | ANGULAR TOL | $\pm 3.0^\circ$ | INITIAL REVISION: DRWN: JREEVES 2007/09/07 APPR: KMONROE 2007/09/11 |
| DIVISIONAL SYMBOLS | 4 PLACES | \pm | |
| | 3 PLACES | \pm | DOCUMENT NUMBER SD-111014-1000 |
| | 2 PLACES | ± 0.13 | |
| | 1 PLACE | ± 0.25 | DOC TYPE PSD |
| | 0 PLACES | \pm | DOC PART 001 |
| | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | THIRD ANGLE PROJECTION | REVISION Y |
| | | | MATERIAL NUMBER SEE CHART |
| | | D-SIZE | CUSTOMER GENERAL MARKET |
| | | SERIES 111014 | SHEET NUMBER 2 OF 2 |