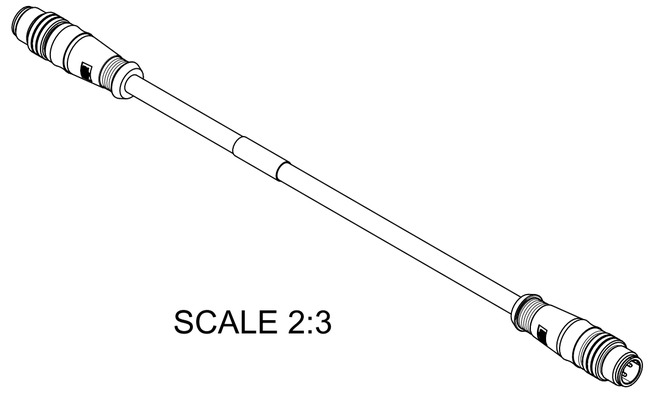
| MATERIAL NO. | ENGINEERING NO. | FINISHED LENGTH |
|---|---|---|
| 1200490557 | E11A06002M003 | 11.8IN (0.3M) |
| 1201080032 | E11A06002M450 | 147 FT 7.6 (45M) |
| 1201080028 | E11A06002M900 | 295FT 3.30 (90M) |

## PART NO. MATRIX

E11A06002M005

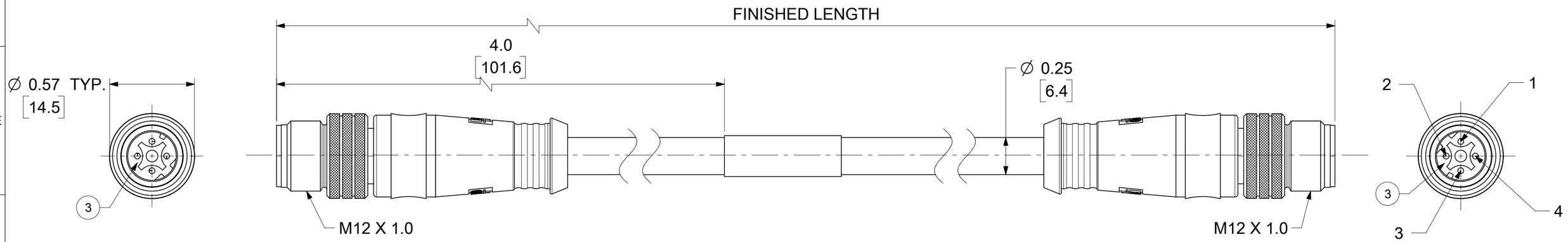
FINISHED LENGTH
M005= 0.5 METER
M010= 1 METER
M100= 10 METER

CABLE LENGTH TOLERANCES
<.3M [1FT]: +19mm-0 [ +.75in-0]
.3 - .9M [1 - 3FT]: +44.5mm-0 [+1.75in-0]
.9 - 1.8M [3 - 6FT]: +55.6mm-0 [+2.19in-0]
1.8 - 3.7M [6 - 12FT: +88.9mm-0 [+3.50in-0]
3.7 - 7.3M [12 - 24FT]: +165.1mm-0 [+6.50in-0]
7.3-14.6M [24 - 48FT]: +317.5mm-0 [+12.50in-0]
14.6 - 30.5M [48-100FT]: +622.3mm-0 [+24.50in-0]
OVER 30M [100FT] +2% OF FINISHED LENGTH



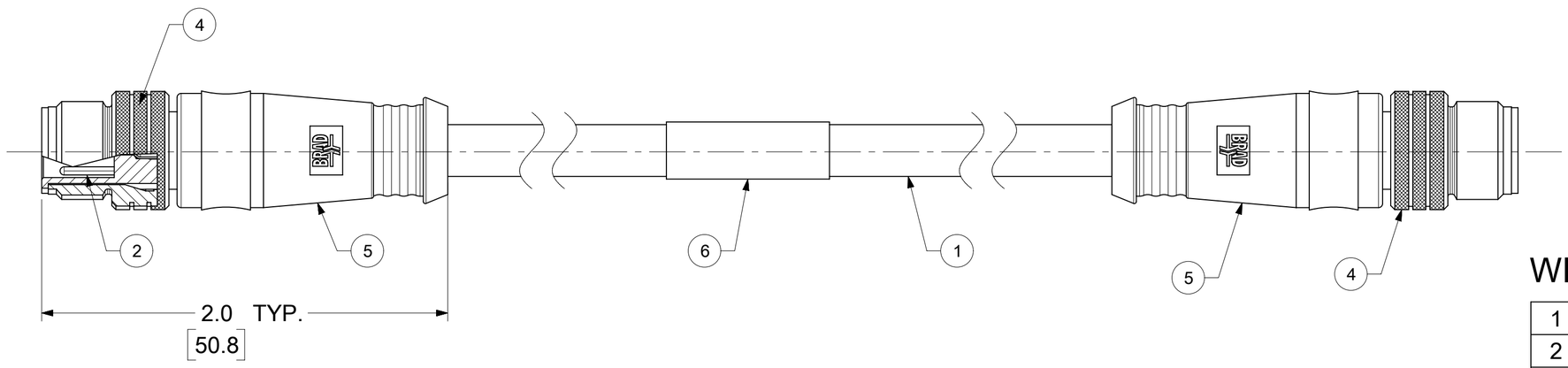
SCALE 2:3

NOTES:
1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL SPECIFICATIONS
   VOLTAGE RATING: 125V
   CURRENT RATING: 1.5A
4. TEMP RANGE: -25°C TO +75°C
5. PROTECTION: IP67 (WHEN MATED)
6. UL FILE: E361772
7. ALL DIMS ARE FOR REFERNCE UNLESS TOLERNACED OR NOTED OTHERWISE.
8. TRANSMISSION PERFORMANCE TEST FOR CABLES UP TO 20m ACC. CAT5e PATCHCORD
9. TRANSMISSION PERFORMANCE TEST FOR CABLES OVER 20m ACC. CAT5e CHANNEL




MALE FACE VIEW

MALE FACE VIEW




## WIRING DIAGRAM

| | | |
|---|---|---|
| 1 | ORANGE/WHITE | 1 |
| 2 | BLUE/WHITE | 2 |
| 3 | ORANGE | 3 |
| 4 | BLUE | 4 |

| ITEM | DESCRIPTION | MATERIAL | FINISH |
|---|---|---|---|
| 6 | LABEL | VINYL | BLACK/WHITE |
| 5 | OVERMOLD | TPU | BLACK |
| 4 | M12 MALE COUPLING NUT | BRASS | NICKEL |
| 3 | M12 D-CODE 4P MALE INSERT | PUR | BLACK |
| 2 | CONTACT PIN | COPPER ALLOY | GOLD PLATED |
| 1 | CABLE, 24-4, ETHERNET | PVC JACKET | TEAL |

DOCUMENT STATUS: P1 | RELEASE DATE: 2023/09/12 07:55:16

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: INCH/MM
SCALE: 2:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± 0.05 | ± |
| 1 PLACE | ± 0.3 | ± |
| 0 PLACES | ± 0.5 | ± |
| ANGULAR TOL | ± 1.0 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: ADDED NOTES 8 & 9.

EC NO: 762436
DRWN: CRAODOREMS 2023/08/04
CHK'D: RSILLER 2023/09/12
APPR: RSILLER 2023/09/12

INITIAL REVISION:
DRWN: NSTAUDIGEL 2010/02/08
APPR: fpacher 2010/02/11

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 120049

molex

MICRO-CHANGE CORDSET, M12
4 POLE, MALE-MALE, STRAIGHT, D-CODE, 24/4
CAT-5E

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-120049-001 | PSD | 001 | A1 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE TABLE | GENERAL MARKET | 1 OF 2 |

FORMAT: Eng-lega-master-tb-prod-C
REVISION: E
DATE: 2020/01/14

PART LIST

| MOLEX PN | ENGINEERING | L [mm] |
|---|---|---|
| 1300480084 | E11A06002M005 | 500 |
| 1200490417 | E11A06002M010 | 1000 |
| 1200490490 | E11A06002M020 | 2000 |
| 1201080027 | E11A06002M030 | 3000 |
| 1300480222 | E11A06002M040 | 4000 |
| 1300480085 | E11A06002M050 | 5000 |
| 1201088001 | E11A06002M060 | 6000 |
| 1201080039 | E11A06002M080 | 8000 |
| 1201080038 | E11A06002M100 | 10000 |
| 1201080037 | E11A06002M150 | 15000 |
| 1300480086 | E11A06002M180 | 18000 |
| 1201080036 | E11A06002M200 | 20000 |
| 1201080035 | E11A06002M230 | 23000 |
| 1201080124 | E11A06002M270 | 27000 |
| 1201080034 | E11A06002M300 | 30000 |
| 1201080125 | E11A06002M340 | 34000 |
| 1300480005 | E11A06002M350 | 35000 |
| 1201080033 | E11A06002M380 | 38000 |
| 1201080126 | E11A06002M420 | 42000 |
| 1201080032 | E11A06002M450 | 45000 |
| 1300480007 | E11A06002M500 | 50000 |
| 1201080031 | E11A06002M530 | 53000 |
| 1201080127 | E11A06002M570 | 57000 |
| 1201080030 | E11A06002M600 | 60000 |
| 1201080128 | E11A06002M650 | 65000 |
| 1300480008 | E11A06002M700 | 70000 |
| 1201080029 | E11A06002M760 | 76000 |
| 1200490457 | E11A06002M800 | 80000 |
| 1201080129 | E11A06002M850 | 85000 |
| 1201080028 | E11A06002M900 | 90000 |
| 1201080120 | E11A06002T100 | 100000 |

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

DIMENSION UNITS: INCH/MM
SCALE: 1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | |
|---|---|
| ANGULAR TOL | ± 1.0 ° |
| 4 PLACES | ± |
| 3 PLACES | ± |
| 2 PLACES | ± 0.05 |
| 1 PLACE | ± 0.3 |
| 0 PLACES | ± 0.5 |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: ADDED NOTES 8 & 9.

EC NO: 762436
DRWN: CRAODOREMS 2023/08/04
CHK'D: RSILLER 2023/09/12
APPR: RSILLER 2023/09/12

INITIAL REVISION:
DRWN: NSTAUDIGEL 2010/02/08
APPR: fpacher 2010/02/11

THIRD ANGLE PROJECTION | DRAWING: A4-SIZE | SERIES: 120049

molex

MICRO-CHANGE CORDSET, M12
4 POLE, MALE-MALE, STRAIGHT, D-CODE, 24/4
CAT-5E

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-120049-001 | PSD | 001 | A1 |

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

| DOCUMENT STATUS | P1 | RELEASE DATE | 2023/09/12 07:55:16 |
|---|---|---|---|

FORMAT: master-tb-prod-A4
REVISION: J1
DATE: 2021/05/01