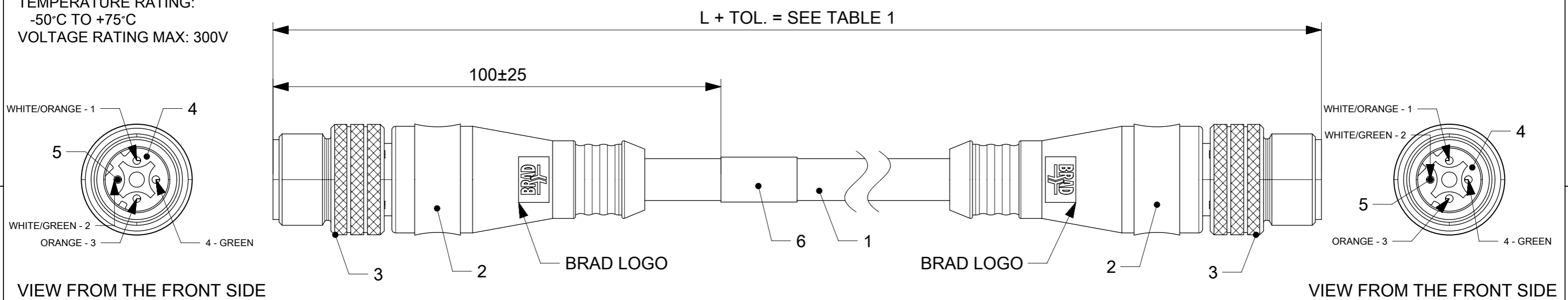


CABLE SPECIFICATION

CONDUCTOR:
 MATERIAL: TINNED COPPER
 SECTION: 24AWG
INSULATION:
 COMPOUND: PE
 DIAMETER: 0.99mm
 PAIRS: COLOR CODED SINGLES
 TWISTED INTO PAIRS.
JACKET:
 COMPOUND: TPE
 COLOR: TEAL
 DIAMETER: 5.58mm
 TEMPERATURE RATING:
 -50°C TO +75°C
 VOLTAGE RATING MAX: 300V

| TABLE OF LENGTH TOLERANCES | | |
|----------------------------|---------------------|---------------|
| OVER | UP TO AND INCLUDING | TOLERANCE (+) |
| 0 | 305 | +19 |
| 305 | 915 | +45 |
| 915 | 1830 | +56 |
| 1830 | 3660 | +89 |
| 3660 | 7320 | +165 |
| 7320 | 14640 | +317 |
| 14640 | 30500 | +610 |
| 30500 | > | +2% OF LENGTH |

| | |
|-------------|-------------------------------------|
| REVISION A | TRANSFERRED TO ECTR NEW PN ADDED |
| REVISION A1 | ADDED NEW PN |
| REVISION A2 | WIRING UPDATED |



VIEW FROM THE FRONT SIDE

VIEW FROM THE FRONT SIDE

BILL OF MATERIALS

| ITEM | QTY. | DESCRIPTION | MATERIAL | FINISH |
|------|------|----------------------|--------------|--------------------|
| 6 | 1 | LABEL | VINYL | - |
| 5 | 8 | CONTACT MALE | COPPER ALLOY | GOLD OVER NICKEL |
| 4 | 2 | INSERT D-CODE 4 POLE | ELASTOLLAN | - |
| 3 | 2 | COUPLING NUT M12 | BRASS | TEFLON OVER NICKEL |
| 2 | - | OVERMOULD MATERIAL | TPE | BLACK |
| 1 | - | ETHERNET CABLE CAT5E | TPE | TEAL |

NOTES:
 1. BRAD LOGO - ONLY IN ONE SIDE ON THE OVERMOULD.

TABLE 1

| MOLEX PN | ENGINEERING No | L [mm] | MOLEX PN | ENGINEERING No | L [mm] |
|------------|----------------|--------|------------|----------------|--------|
| 1300480095 | E11A06004M010 | 1000 | 1300480108 | E11A06004M180 | 18000 |
| 1300480096 | E11A06004M020 | 2000 | 1300480109 | E11A06004M200 | 20000 |
| 1300480097 | E11A06004M030 | 3000 | 1300480110 | E11A06004M240 | 24000 |
| 1300480098 | E11A06004M040 | 4000 | 1300480111 | E11A06004M300 | 30000 |
| 1300480099 | E11A06004M050 | 5000 | 1300480112 | E11A06004M500 | 50000 |
| 1300480100 | E11A06004M060 | 6000 | 1300480251 | E11A06004M003 | 300 |
| 1300480101 | E11A06004M070 | 7000 | 1300480252 | E11A06004M006 | 600 |
| 1300480102 | E11A06004M080 | 8000 | 1300480253 | E11A06004M250 | 25000 |
| 1300480103 | E11A06004M090 | 9000 | 1300480315 | E11A06004M380 | 38000 |
| 1300480104 | E11A06004M100 | 10000 | 1300480316 | E11A06004M230 | 23000 |
| 1300480105 | E11A06004M120 | 12000 | 1300480317 | E11A06004M270 | 27000 |
| 1300480106 | E11A06004M140 | 14000 | 1300480318 | E11A06004M340 | 34000 |
| 1300480107 | E11A06004M150 | 15000 | 1300480319 | E11A06004M420 | 42000 |

| MOLEX PN | ENGINEERING No | L [mm] |
|------------|----------------|--------|
| 1300480322 | E11A06004M570 | 57000 |
| 1300480323 | E11A06004M650 | 65000 |
| 1300480324 | E11A06004M760 | 76000 |
| 1300480325 | E11A06004M800 | 80000 |
| 1300480326 | E11A06004M850 | 85000 |

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

| | | | | | |
|---|---|--|--|--|---|
| EC NO: 109023 DRWN: DSTACHOWIAK CHK'D: APPR: MIWASIECZKO | 2016/09/14 2016/10/24 | GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± ° | DIMENSION UNITS: MM SCALE: 2:1 | | |
| | 4 PLACES ± 3 PLACES ± 2 PLACES ± 1 PLACE ± 0 PLACES ± | DRWN BY: MMATLA DATE: 2016/06/27 | DRWN BY: MIWASIECZKO DATE: 2016/07/13 | | PRODUCT CUSTOMER DRAWING |
| | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | DRAWING SIZE: A3 THIRD ANGLE PROJECTION | SERIES: 130048 MATERIAL NUMBER: SEE TABLE 1 CUSTOMER: GENERAL MARKET | | |
| | A2 | REV: | APPR: MIWASIECZKO | | DOCUMENT NUMBER: 1300480095 DOC TYPE: PSD DOC PART: 00P SHEET NUMBER: 1 OF 1 |

| | | | | |
|----------------|----|--------------|------------|----------|
| RELEASE STATUS | P1 | RELEASE DATE | 24.10.2016 | 06:30:03 |
|----------------|----|--------------|------------|----------|

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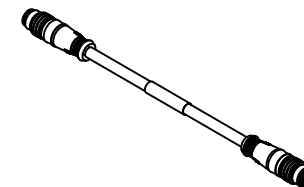
4

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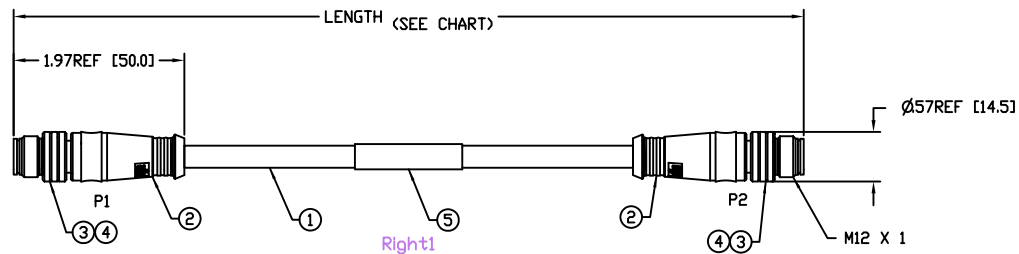
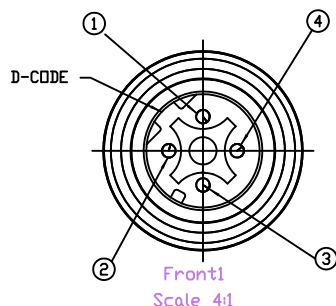
2

1

| MATERIAL NUMBER | ENGINEERING NO. | LENGTH |
|-----------------|-----------------|-------------------------------|
| 1300480095 | E11A06004M010 | 3'3" +1.75 - 0 [IM +44.5MM-0] |



ISO2
Scale 1:2



| | | |
|----|-------|----|
| P1 | | P2 |
| 1 | ----- | 1 |
| 2 | ----- | 2 |
| 3 | ----- | 3 |
| 4 | ----- | 4 |

WIRING DIAGRAM

NOTES:

- 1) MATERIAL: SEE TABLE
- 2) FINISHES: SEE TABLE
- 4) MATES WITH: MICRO CHANGE, 4 POLE RECEPTACLE
- 5) ELECTRICAL DATA:
ACCORDING TO CAT5e ETHERNET STANDARD
INLINE CORDSET
MALE D-CODING TO MALE D-CODING
24AWG
POLES: 4
MAX. VOLTAGE: 250V
MAX. CURRENT 4A
CONTACT RESISTANCE: <5m Ohm
INSULATION WITHSTAND: >100M Ohm
TEMPERATURE RANGE: -25°C TO 75°C
PROTECTION IP67
UL E200650
- 6) PACKAGING:
CABLE ASSEMBLIES ARE BAGGED SEPARATELY
IN POLY BAGS WITH BAR CODE LABEL ATTACHED
TO OUTSIDE OF BAG.
- 7) ASSEMBLY IS RoHS COMPLIANT.

| ITEM | QTY. | DESCRIPTION | MATERIAL | FINISH |
|------|------|--------------------------|--------------|--------------|
| 5 | 1 | LABEL | PLASTIC FILM | BLACK/YELLOW |
| 4 | 8 | MALE TERMINAL | COPPER ALLOY | GOLD PLATED |
| 3 | 2 | M12 ULTRA LOCK HEAD ASSY | TPE | BLACK |
| 2 | 2 | OVERMOLD | TPE | BLACK |
| 1 | 1 | ETHERNET CABLE-CAT5e | TPE JACKET | TEAL |

| | |
|---|--------------------------------|
| RELEASE DRAWING EC NO: WNA2010-0432 DRWN: TVICKERS 2010/01/14 CHKD: B.WOODMA APPR: DTTITUS 2010/01/15 | QUALITY SYMBOLS |
| | $\nabla = 0$ $\nabla C = 0$ |
| | DESCRIPTION |
| | REV |

| GENERAL TOLERANCES (UNLESS SPECIFIED) | | |
|--|-------|-------|
| | mm | INCH |
| 4 PLACES | ±--- | ±--- |
| 3 PLACES | ±--- | ±.005 |
| 2 PLACES | ±0.13 | ±.010 |
| 1 PLACE | ±0.25 | ±.020 |
| ANGULAR ±1/2° | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | |

| | | | | |
|---------------------|--|---|--------------|------------------------|
| DIMENSION STYLE | | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION |
| ---- | | 1:1 | INCH | |
| DRAWN BY DATE | | TITLE | | |
| --- | | MIC 4P M/M/P ST/ST D-CODED | | |
| CHECKED BY DATE | | ----- | | |
| B.WOODMA 2010/01/14 | | MOLEX INCORPORATED | | |
| APPROVED BY DATE | | DOCUMENT NO. | | |
| DTITUS 2010/01/15 | | SD-130048-001 | | SHEET NO. |
| MATERIAL NO. | | 1 OF 1 | | |
| 1300480095 | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | |
| SIZE | | | | |
| A | | | | |

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4

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2

1