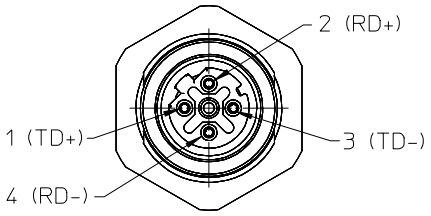
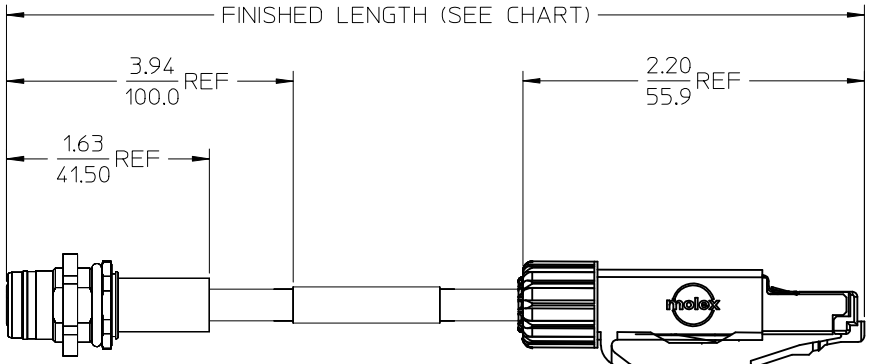
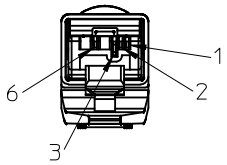
| PART NUMBER | ENGINEERING NO. | LENGTH ± TOLERANCE |
|---|---|---|
| 1201080206 | ERWPAU7011M020 | 6' 6" +2.19"/-0" [ 2M +55.6/-0 mm ] |



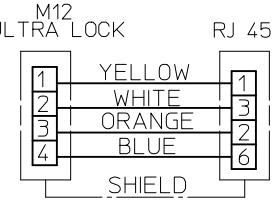

## ADDITIONAL CABLE PARAMETERS

| PHYSICAL CHARACTERISTICS: | |
|---|---|
| CONDUCTOR PAIR SIZE | #22 (7 X #30) BARE COPPER ALLOY |
| WIRE CROSS SECTION | 0.34mm² (NOM.) |
| INSULATION TYPE | POLYOLEFIN INSULATION |
| FOIL SHIELD | PLASTIC/ALUMINIUM FOIL WITH FOIL OUT |
| BRAID SHIELD | TINNED COPPER BRAID WITH MIN. 85% COVERAGE |
| OUTSIDE DIAMETER | Ø 6.7mm (.264") |
| JACKET INSULATION | GREEN PUR |
| PROFINET CABLE STYLE | TYPE C |

| ENVIRONMENTAL CHARACTERISTICS: | |
|---|---|
| FLAME RESISTANCE | FT1 APPROVED |
| AGENCY CERTIFICATIONS | UL AND CSA |
| OPERATION TEMPERATURE | -20°C TO 60°C |
| STORAGE TEMPERATURE | -40°C TO 80°C |
| HALOGEN FREE | IEC 60754-1 |
| SILICONE FREE | YES |
| CFC-FREE | YES |

| MECHANICAL CHARACTERISTICS FOR C-TRACK APPLICATIONS: | |
|---|---|
| MIN. BENDING RADIUS | 15xCABLE DIAMETER |
| OPERATING WAY | 5M OF TRAVEL |
| SPEED | 200M/Min. |
| MAX. C-TRACK CYCLES | 5 MILLION |
| ACCELERATION | MAX. 2m/s |
| WELD SLAG RESISTANCE | NO TEST RESULTS AVAILABLE |

IMPRINT: X N X 2x2xAWG22/7-9H(ST)C11Y INDUSTRIAL ETHERNET PROFINET TYP C E48408 cULus AWM STYLE 20236 AWM I/II A/B 80°C 30 V FT1




WIRING DIAGRAM

NOTES:

1) MATERIAL: SEE TABLE
2) FINISHES: SEE TABLE
3) CABLE: #22/4 SHIELDED PUR
4) ELECTRICAL DATA:
ACCORDING TO CAT5e ETHERNET STANDARD
MAX. VOLTAGE: 30V
MAX. CURRENT 1.5A
5) ENVIRONMENTAL:
PROTECTION IP67
TEMPERATURE RANGE: -20°C TO 60°C
6) WRAP LABEL IS MARKED WITH P/N, DATE CODE, VOLTAGE & AMPERAGE.
7) ASSEMBLY IS RoHS COMPLIANT.

| QTY. | DESCRIPTION | MATERIAL | FINISH |
|---|---|---|---|
| 1 | LABEL | PLASTIC FILM | BLACK/YELLOW |
| 1 | O-RING | VITON | BLACK |
| 1 | INSERT | POLYURETHANE | BLACK |
| 1 | SOCKET CONTACT | BRASS ALLOY | GOLD PLATED |
| 1 | LOCKNUT | BRASS ALLOY | PLATED |
| 1 | SLEEVE | BRASS ALLOY | PLATED |
| 1 | M12 SHELL | BRASS ALLOY | ZINC PLATED |
| 1 | RJ45 PLUG | N/A | BLACK |
| 1 | ETHERNET CABLE-CAT5E | PUR JACKET | GREEN |

ADDED CABLE INFO.
EC NO: IPG2014-0841 2013/11/06
DRWN:BARDEN 2013/11/25
CH'KD:TWOLDEGE
APPR:BWOODMAN 2013/11/18
DESCRIPTION
REV
C

QUALITY SYMBOLS
▼=0
Ⓒ=0

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: IN/MM
SCALE: 1:100
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY: BRUPERT DATE: 2011/12/01
CHECKED BY: DATE:
APPROVED BY: JFMURPHY DATE: 2012/04/17

TITLE: UNLOCK D-CODE M12 REC TO RJ45

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-120108-048
SHEET NO.: 1 OF 1
SIZE: B

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