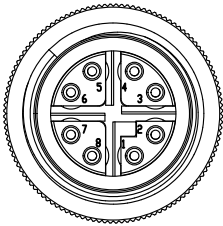
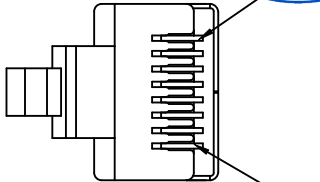
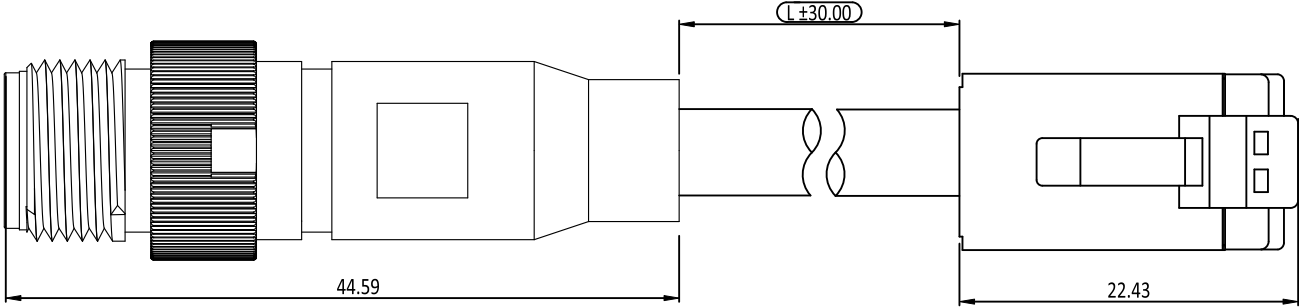


RoHS  
compliant



X-CODE(P1)



RJ45(P2)

WIRING DIAGRAM

|      | X-CODE(P1) |       | RJ45(P2) |              |
|------|------------|-------|----------|--------------|
| PAIR | 1          | _____ | 1        | WHITE/ORANGE |
|      | 2          | _____ | 2        | ORANGE       |
| PAIR | 3          | _____ | 3        | WHITE/GREEN  |
|      | 4          | _____ | 6        | GREEN        |
| PAIR | 5          | _____ | 7        | WHITE/BROWN  |
|      | 6          | _____ | 8        | BROWN        |
| PAIR | 7          | _____ | 5        | WHITE/BLUE   |
|      | 8          | _____ | 4        | BLUE         |
|      | SHELL      | _____ | SHELL    |              |

**△**  
SPECIFICATION  
MATERIAL AND FINISH:  
1. CABLE ASSEMBLY MUST BE RoHS COMPLIANT  
2. CABLE MUST BE OPEN, SHORT, MISWIRE 100% TEST

ELECTRICAL CHARACTERISTIC:  
1. CURRENT RATING(40°C): 0.5A  
2. VOLTAGE: 48V AC/DC  
3. VOLTAGE: 300V DC  
4. CONTACT RESISTANCE: 5 Ω MAX.  
5. INSULATION RESISTANCE: 2M Ω MIN.

ENVIRONMENTAL :  
1. TEMPERATURE RANGE: -40°C~+80°C

|      |           |                                                                        |
|------|-----------|------------------------------------------------------------------------|
| 5    | JACKET    | MATERIAL PVC                                                           |
| 4    | SHIELDED  | FTP ALUMINIUM/POLYESTER SHIELD                                         |
| 3    | CABLE     | <b>△</b> 10G CAT.6A OD6.2 26AWG TPU GREEN 4PAIRS                       |
| 2    | CONNECTOR | RJ45 CAT 6A MALE CONNECTOR<br>CONTACT GOLD PLATED 50u"                 |
| 1    | CONNECTOR | M12 X-CODE MALE CONNECTOR<br>CONTACT GOLD PLATED 30u" OVER 50~200u" NI |
| ITEM | PART      | DESCRIPTION                                                            |

|      |          |                            |           |
|------|----------|----------------------------|-----------|
|      | E        | ECN-2401061(JOLIN)NEW P/N  | 15JAN2024 |
| D1   | D        | ECN-195076(LITING)ADD NOTE | 29MAY2019 |
|      | C        | ECN-194016(LITING)         | 09APR2019 |
| ZONE | REVISION | DESCRIPTION                | DATE      |

|                                                                                       |             |                  |                             |                                         |           |
|---------------------------------------------------------------------------------------|-------------|------------------|-----------------------------|-----------------------------------------|-----------|
| 2                                                                                     |             |                  |                             |                                         |           |
| 1                                                                                     | 1490601001X | CW0608EADB01E1M0 | 1000±30mm                   | X                                       |           |
| ITEM                                                                                  | NEW P/N     | OLD P/N          | L ( LENGTH )                | CODE                                    | NOTE      |
| UNLESS OTHERWISE SPECIFIED TOLERANCE<br>ANG. ±5°<br>0. ±0.50<br>0. ±0.30<br>.00 ±0.20 |             |                  | SIP<br><b>ST</b> Cmk<br>Cpk | <br>CHANT SINCERE CO.,LTD               |           |
| SCALE: AS SHOWN                                                                       |             |                  | UNIT: mm                    |                                         |           |
| DRAWN: KEVIN_ZHENG                                                                    |             |                  | 22 Jan 2024                 | TITLE: PDR-<br>M12 X-CODE TO RJ45 CABLE |           |
| CHECKED: PEARL_HUNG                                                                   |             |                  | 23 Feb 2024                 |                                         |           |
| APPROVED: PEARL_HUNG                                                                  |             |                  | 23 Feb 2024                 | PART NO. 1490601001X                    |           |
|                                                                                       | SIZE A4     | SHEET 1/1        | REV. E                      | CODE: GC                                | CUSTOMER: |