

THIS DOCUMENT IS SUBJECT TO CHANGE WITHOUT NOTICE. IT IS CONFIDENTIAL AND A PROPERTY OF Amphenol LTW. DISCLOSURE TO THIRD PARTY HAS TO BE AUTHORIZED BY Amphenol LTW.

| REV. | ECN NO. | DATE       | SIGN        | DESCRIPTION            |
|------|---------|------------|-------------|------------------------|
| A    |         | 2016/11/23 | Victor Hung | Change Rev.01 To Rev.A |



**Material Specification:**

- \* Connector: Nylon+GF, Black.
- \* Pins: Copper Alloy, Gold Plated.
- \* Seal & O-Ring: Silicone, Gray.
- \* UL Rated: UL 94V-0, fl.
- \* RoHS Compliant.

**Electrical Specification:**

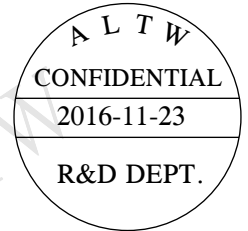
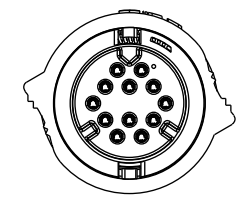
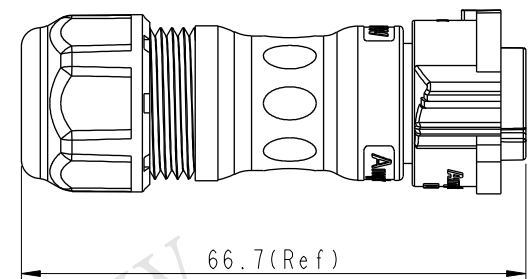
- \* Contact Resistance: 10mΩ Max.
- \* Insulation Resistance: 100MΩ Min.
- \* Dielectric Withstand Voltage: 1,600 Vac.

**Mechanical Specification:**

- \* Durability: 1000 Cycles.
- \* Tensile strength: 10 kgf.
- \* Wire Conductor:
  - 5A: 22AWG~20AWG
  - 10A: 18AWG~16AWG
  - 20A: 14AWG~12AWG
- \* Wire Insulation OD:
  - 5A: 1.9mm Max.
  - 10A: 2.7mm Max.
  - 20A: 4.3mm Max.
- \* Torque Force for Clamp Ring: 6~8 kgf-cm
- \* Torque Force for Seal Nut: 6~8 kgf-cm

**Environmental Specification:**

- \* Waterproof Rating: IP68(Mated, 1M/24 Hours)
- \* Temperature Range: -40°C to 105°C.
- \* Salt Spray: Mated, 1000 Hours.
- \* Safety Compliance: UL 1977.



|           |  |  |
|-----------|--|--|
| UNIT:mm   |  |  |
| TOLERANCE |  |  |
| ±0.5 mm   |  |  |

|   |                |                     |  |
|---|----------------|---------------------|--|
| TITLE<br>X-Lok C-Size Field Installable Cable Type F Conn |                |                     |  |
| SCALE<br>8:5  | SIZE<br>A4     | SHEET<br>1 OF 2     |  |
| REV.<br>A   | WC-REV.<br>A.3 | QC: Inspection item |  |

**Amphenol LTW**  
安費諾亮泰企業股份有限公司

|                            |                         |                    |
|----------------------------|-------------------------|--------------------|
| ITEM NO                    | DRAWN BY<br>Victor Hung | DATE<br>2016/11/23 |
| DWG NO<br>CX-XXBFXA-QL8XXX | CHECKED BY<br>Wes Fan   | DATE<br>2016/11/23 |
| CUSTOMER<br>ALTW           | APPROVED BY<br>Kevin Hu | DATE<br>2016/11/23 |

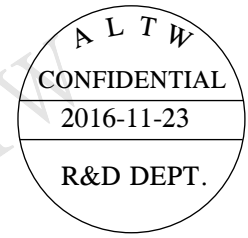
THIS DOCUMENT IS SUBJECT TO CHANGE WITHOUT NOTICE. IT IS CONFIDENTIAL AND A PROPERTY OF AMPHENOL LTW. DISCLOSURE TO THIRD PARTY HAS TO BE AUTHORIZED BY AMPHENOL LTW.

Ordering Information:



Mating Connector:  
 Overmolded with Cable: CX-XXAMXM-QL8XXX  
 Receptacle: CX-XXXMXS-QX8001  
 Field Installable: CX-XXBMXA-QL8XXX

Tool Part No:  
 ASST-C-XXA-W-X



|                            |                                       |                                       |                                       |                                       |                                       |                                      |                                      |                                      |                                       |                                       |
|----------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|---------------------------------------|---------------------------------------|
| Pin Assignments Front View | 20A ;<br>300Vac/Vdc<br>2 Contacts(02) | 20A ;<br>300Vac/Vdc<br>3 Contacts(03) | 10A ;<br>300Vac/Vdc<br>4 Contacts(04) | 10A ;<br>300Vac/Vdc<br>5 Contacts(05) | 10A ;<br>300Vac/Vdc<br>6 Contacts(06) | 5A ;<br>300Vac/Vdc<br>7 Contacts(07) | 5A ;<br>300Vac/Vdc<br>8 Contacts(08) | 5A ;<br>300Vac/Vdc<br>9 Contacts(09) | 5A ;<br>300Vac/Vdc<br>10 Contacts(10) | 5A ;<br>300Vac/Vdc<br>12 Contacts(12) |
| Male Pin                   |                                       |                                       |                                       |                                       |                                       |                                      |                                      |                                      |                                       |                                       |
| Female Pin                 |                                       |                                       |                                       |                                       |                                       |                                      |                                      |                                      |                                       |                                       |

|             |   |                     |                 |  |                            |                         |                    |
|-------------|---|---------------------|-----------------|--|----------------------------|-------------------------|--------------------|
| UNIT:mm<br> | TITLE<br>X-Lok C-Size Field Installable Cable Type F Conn |                     |                 | <h1>Amphenol LTW</h1> <p>安費諾亮泰企業股份有限公司</p> | ITEM NO                    | DRAWN BY                | DATE               |
|             | TOLERANCE<br>±0.5 mm                                      |                     |                 |  | DWG NO<br>CX-XXBFXA-QL8XXX | CHECKED BY<br>Wes Fan   | DATE<br>2016/11/23 |
|             | SCALE<br>8:5  | SIZE<br>A4          | SHEET<br>2 OF 2 |  | CUSTOMER<br>ALTW           | APPROVED BY<br>Kevin Hu | DATE<br>2016/11/23 |
| REV.<br>A   | WC-REV.<br>A.3  | QC: Inspection item |                 |  |                            |                         |                    |

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Standard Circular Connector](#) category:*

*Click to view products by [Amphenol](#) manufacturer:*

Other Similar products are found below :

[5M2530B10P](#) [600259N006](#) [600273N007](#) [6134-336-13149](#) [6134-337-11149](#) [6134-337-2390](#) [6134-341-17149](#) [6280-4SG-516](#) [6280-7SG-3DC](#)  
[6290](#) [6291A](#) [66200A-10](#) [680-SMG](#) [681-PMG](#) [CXS3102A14S2P](#) [CXS3102A181S](#) [7251-6SG-300](#) [7271-6SG-300](#) [7282-3PG-300-CH3](#) [75-](#)  
[474014-05S](#) [75-474618-01S](#) [75-474618-04P](#) [75-474618-04S](#) [799539-000](#) [MI8-SE](#) [805-005-07NF11-19PC](#) [805-005-07NF15-7PA](#) [8280-4PG-](#)  
[516](#) [8280-7PG-519](#) [8282-5PG-519](#) [836783-1](#) [MP-4102-25P-C](#) [862256-1](#) [864019-2](#) [866857-1](#) [867865-1](#) [PT01SP-14-18P](#) [PT08P-14-5S](#)  
[PTSF06SE-14-12S](#) [120-1833-000](#) [QCM019PC2DC012B](#) [1-2069279-1](#) [121583-0217](#) [121667-0020](#) [129591AU](#) [1000B BULK](#) [RD10A16-19-](#)  
[P6CS051/1](#) [RD10A20-31-P8CS051/1](#) [RD16A14-12-S6CS051/2](#) [1301240290](#) [1301240347](#)