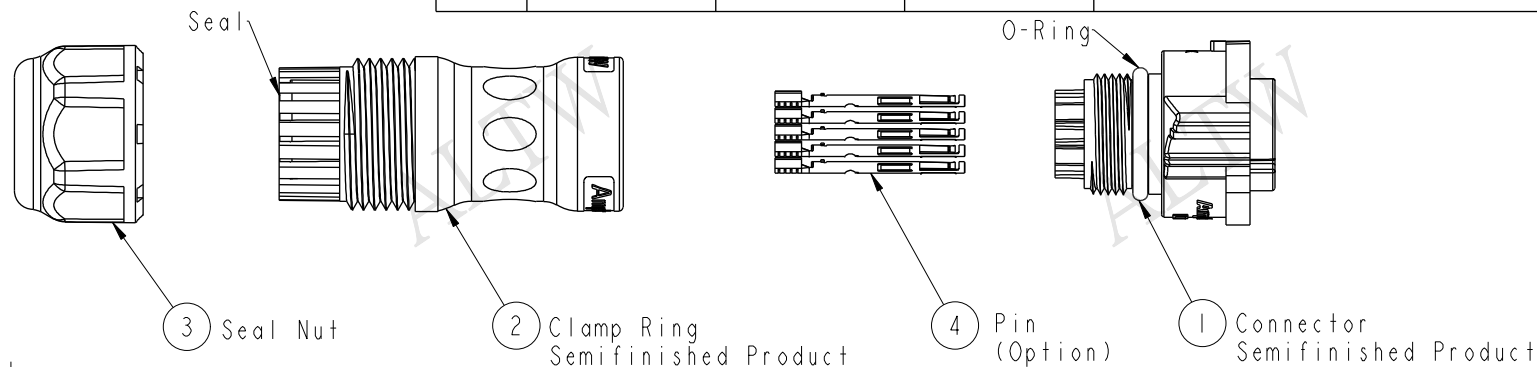


| REV. | ECN NO. | DATE       | SIGN        | DESCRIPTION            |
|------|---------|------------|-------------|------------------------|
| A    |         | 2016/11/23 | Victor Hung | Change Rev.01 To Rev.A |



#### 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:

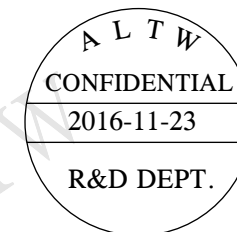
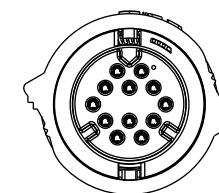
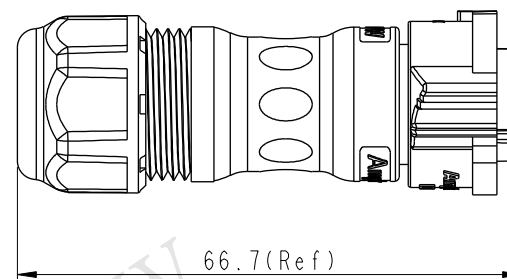
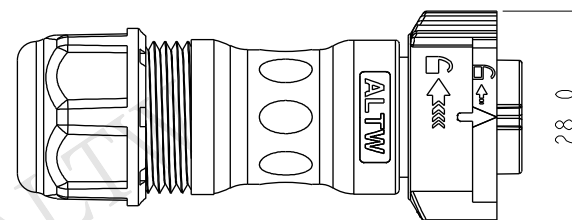
- \* Contact Resistance: 10mΩ Max.
- \* Insulation Resistance: 100MΩ Min.
- \* Dielectric Withstand Voltage: 1,600 Vac.

#### 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.



|   |         |           |     |                                                  |     |                  |                 |             |            |
|---|---------|-----------|-----|--------------------------------------------------|-----|------------------|-----------------|-------------|------------|
| A | UNIT:mm | TOLERANCE |     | TITLE                                            |     | ITEM NO          |                 | DRAWN BY    | DATE       |
|   |         | ±0.5 mm   |     | X-Lok C-Size Field Installable Cable Type F Conn |     | CX-xxBFXA-QL8XXX |                 | Victor Hung | 2016/11/23 |
|   |         | SCALE     | 8:5 | SIZE                                             | A4  | SHEET            | 1               | CHECKED BY  | DATE       |
|   |         | REV.      | A   | WC-REV.                                          | A.3 | QC               | Inspection item | APPROVED BY | DATE       |

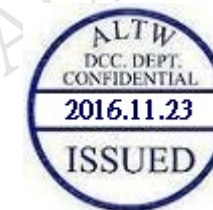
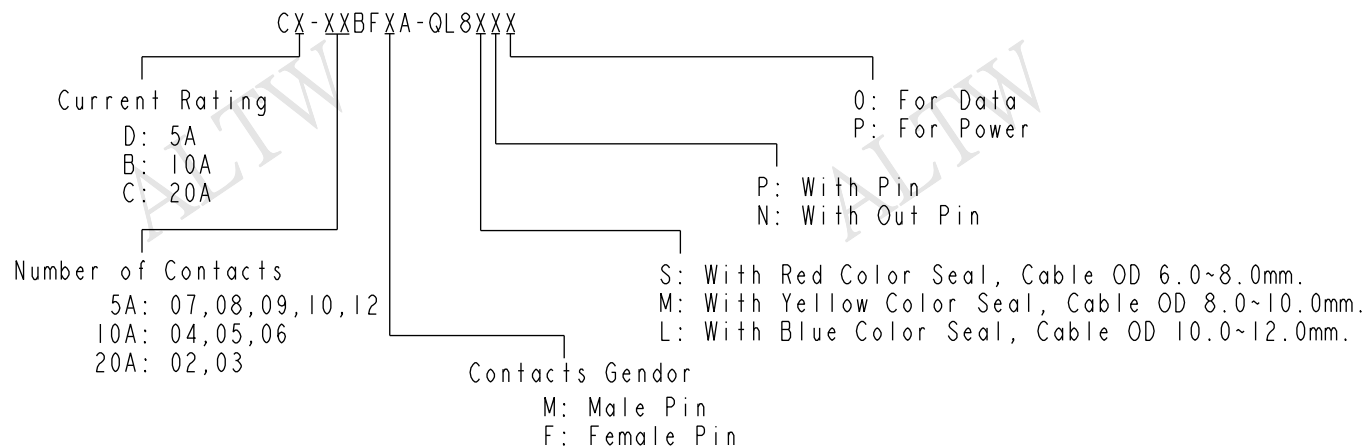
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|          |  |            |
|----------|--|------------|
| CUSTOMER |  | DATE       |
| ALTW     |  | 2016/11/23 |

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# Ordering Information:



## Mating Connector:

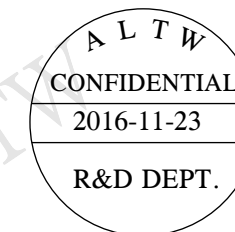
Overmolded with Cable: CX-XXAMXM-QL8XXX

Receptacle: CX-XXXMXS-QX8001

Field Installable: CX-XXBMXA-QL8XXX

## Tool Part No:

ASST-C-XXA-W-X



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

|                      |  |              |  |                |                                                           |  |                             |  |                         |  |                    |  |
|----------------------|--|--------------|--|----------------|-----------------------------------------------------------|--|-----------------------------|--|-------------------------|--|--------------------|--|
| UNIT:mm              |  |              |  |                | TITLE<br>X-Lok C-Size Field Installable Cable Type F Conn |  | ITEM NO<br>CX-XXBFXA-QL8XXX |  | DRAWN BY<br>Victor Hung |  | DATE<br>2016/11/23 |  |
|                      |  |              |  |                |                                                           |  |                             |  |                         |  |                    |  |
|                      |  |              |  |                |                                                           |  |                             |  |                         |  |                    |  |
| TOLERANCE<br>±0.5 mm |  | SCALE<br>8:5 |  | SIZE<br>A4     | SHEET<br>2 OF 2                                           |  | DWG NO<br>CX-XXBFXA-QL8XXX  |  | CHECKED BY<br>Wes Fan   |  | DATE<br>2016/11/23 |  |
|                      |  | REV.<br>A    |  | WC-REV.<br>A.3 | QC: Inspection item                                       |  | CUSTOMER<br>ALTW            |  | APPROVED BY<br>Kevin Hu |  | DATE<br>2016/11/23 |  |

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