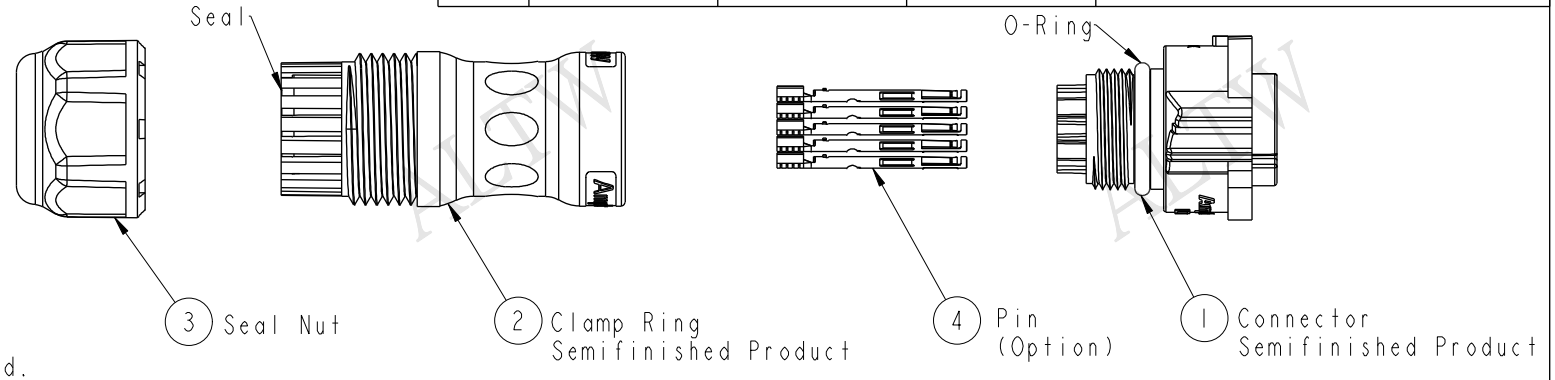
REV.	ECN NO.	DATE	SIGN	DESCRIPTION
A		2016/11/23	Victor Hung	Change Rev.01 To Rev.A



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.

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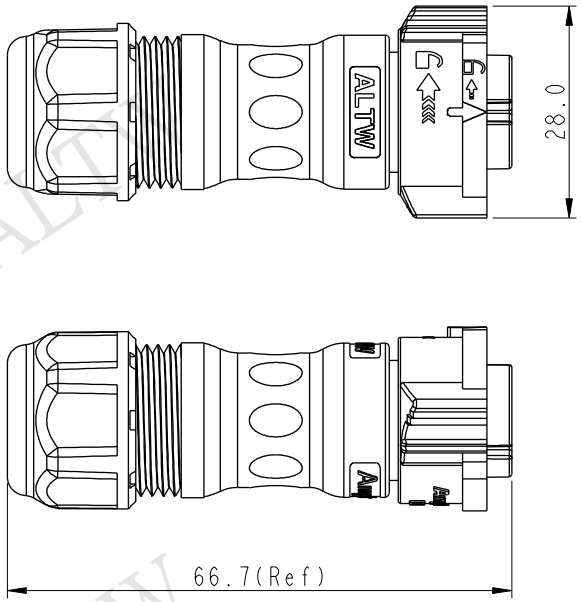

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UNIT:mm	TITLE: X-Lok C-Size Field Installable Cable Type F Conn		ITEM NO	DRAWN BY: Victor Hung	DATE: 2016/11/23
TOLERANCE: ±0.5 mm	SCALE: 8:5 / SIZE: A4 / SHEET 1 OF 2	Amphenol LTW 安費諾亮泰企業股份有限公司	DWG NO: CX-XXBFXA-QL8XXX	CHECKED BY: Wes Fan	DATE: 2016/11/23
	REV.: A / WC-REV.: A.3 / QC: Inspection item		CUSTOMER: ALTW	APPROVED BY: Kevin Hu	DATE: 2016/11/23

FMW10702-01-02A1

Ordering Information:

CX-XXBFXA-QL8XXX

Current Rating
- D: 5A
- B: 10A
- C: 20A

Number of Contacts
- 5A: 07,08,09,10,12
- 10A: 04,05,06
- 20A: 02,03

Contacts Gendor
- M: Male Pin
- F: Female Pin

S: With Red Color Seal, Cable OD 6.0~8.0mm.
M: With Yellow Color Seal, Cable OD 8.0~10.0mm.
L: With Blue Color Seal, Cable OD 10.0~12.0mm.

P: With Pin
N: With Out Pin

O: For Data
P: For Power

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

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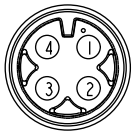
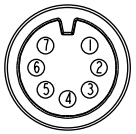
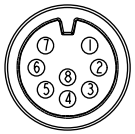
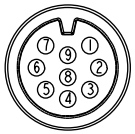
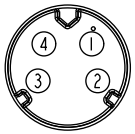
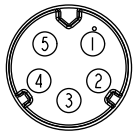
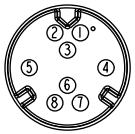
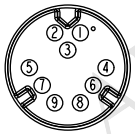
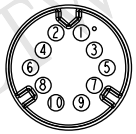
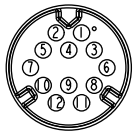
Pin Assignments Front View	20A ; 300Vac/Vdc 2 Contacts(02)	20A ; 300Vac/Vdc 3 Contacts(03)	10A ; 300Vac/Vdc 4 Contacts(04)	10A ; 300Vac/Vdc 5 Contacts(05)	10A ; 300Vac/Vdc 6 Contacts(06)	5A ; 300Vac/Vdc 7 Contacts(07)	5A ; 300Vac/Vdc 8 Contacts(08)	5A ; 300Vac/Vdc 9 Contacts(09)	5A ; 300Vac/Vdc 10 Contacts(10)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

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

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