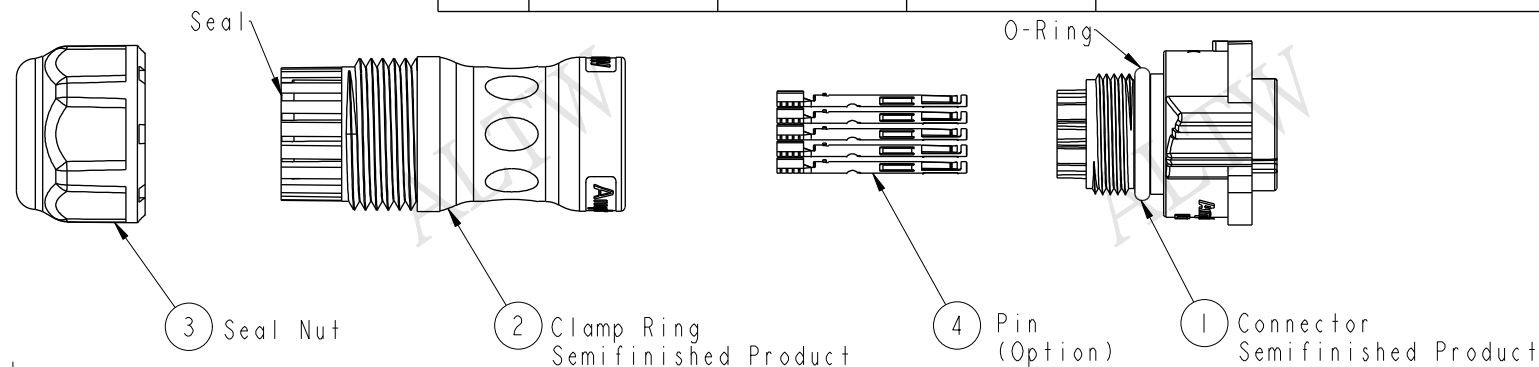


REV.	ECN NO.	DATE	SIGN	DESCRIPTION
A		2016/11/23	Victor Hung	Change Rev.01 To Rev.A



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:

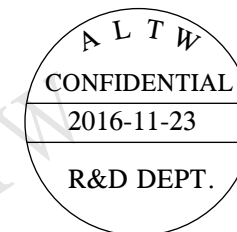
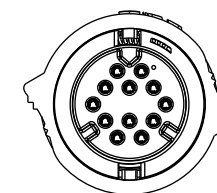
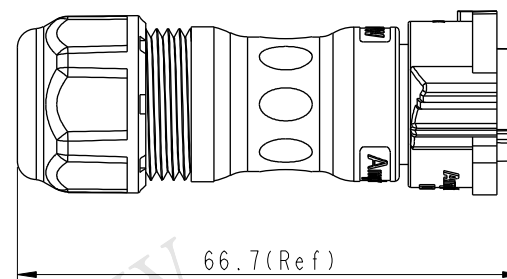
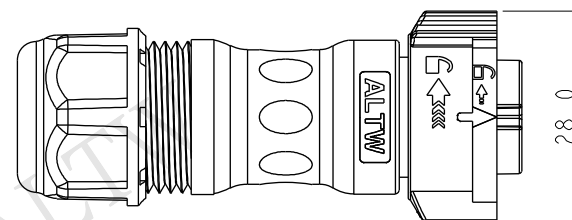
- * Contact Resistance: 10mΩ Max.
- * Insulation Resistance: 100MΩ Min.
- * Dielectric Withstand Voltage: 1,600 Vac.

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.



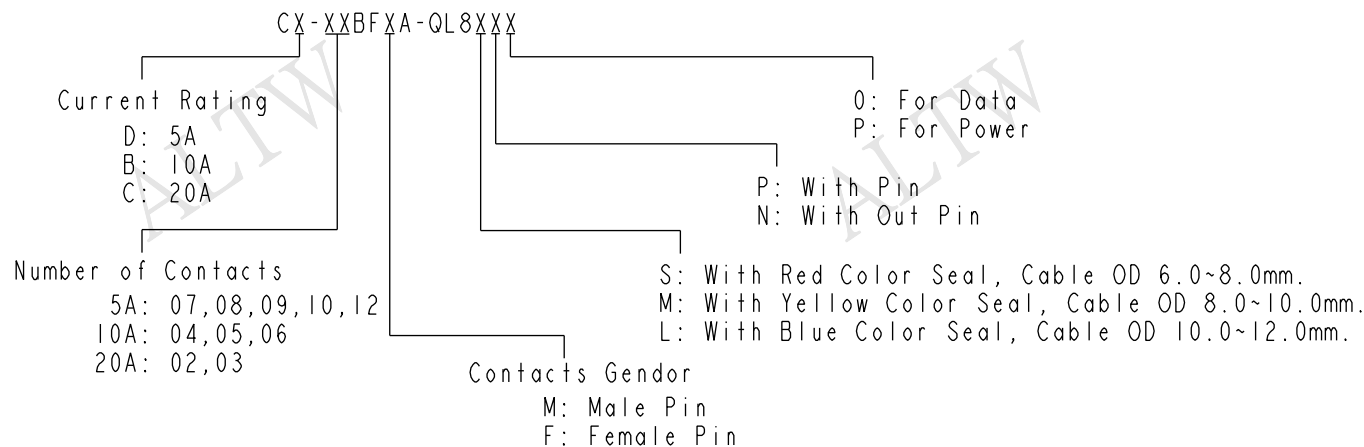
UNIT:mm		TITLE		ITEM NO		DRAWN BY		DATE	
TOLERANCE		X-Lok C-Size Field Installable Cable Type F Conn		CX-xxBFXA-QL8XXX		Victor Hung		2016/11/23	
±0.5 mm		SCALE	8:5	SIZE	A4	SHEET	1	OF	2
		REV.	A	WC-REV.	A.3	QC:Inspection item		DATE	
				ALTW		Kevin Hu		2016/11/23	

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Ordering Information:



Mating Connector:

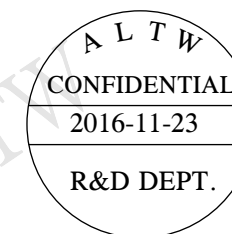
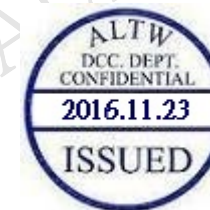
Overmolded with Cable: CX-XXAMXM-QL8XXX

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 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 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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Mouser Electronics

Authorized Distributor

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[CD-08BFMA-QL8MP0](#) [CB-04BMMA-QL8LP0](#) [CB-05BMMA-QL8LP0](#) [CB-04BFMA-QL8SP0](#) [CB-05BFFA-QL8SP0](#) [CC-](#)
[02BMFA-QL8SPP](#) [CB-05BFMA-QL8LP0](#) [CC-02BFMA-QL8MPP](#) [CD-07BMFA-QL8MP0](#) [CD-07BFMA-QL8MP0](#) [CD-](#)
[09BFFA-QL8MP0](#) [CB-04BFFA-QL8LP0](#) [CD-12BFFA-QL8SP0](#) [CD-08BFFA-QL8SP0](#) [CB-04BFMA-QL8MP0](#)