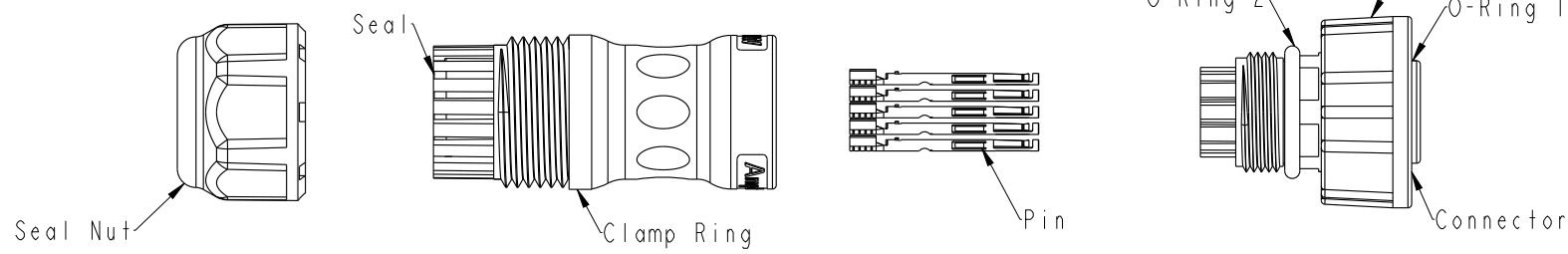


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7	8
REV.	DESCRIPTION



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:

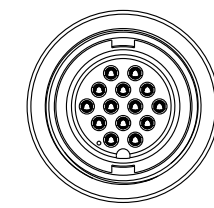
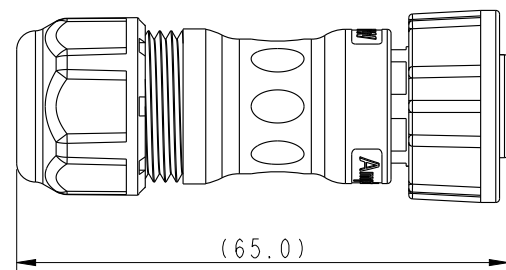
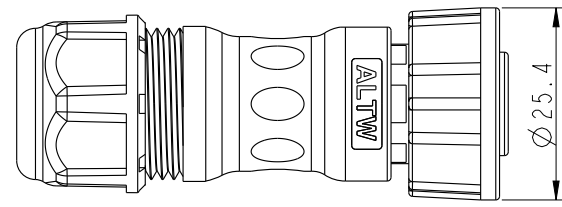
- * Contact Resistance: 10mΩ Max.
- * Insulation Resistance: 100MΩ Min.
- * Dielectric Withstand Voltage: 1,600 Vac.

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: IP67(Mated)
- * Temperature Range: -40°C to 105°C.
- * Salt Spray: Mated, 1000 Hours.
- * Safety Compliance: UL 1977.



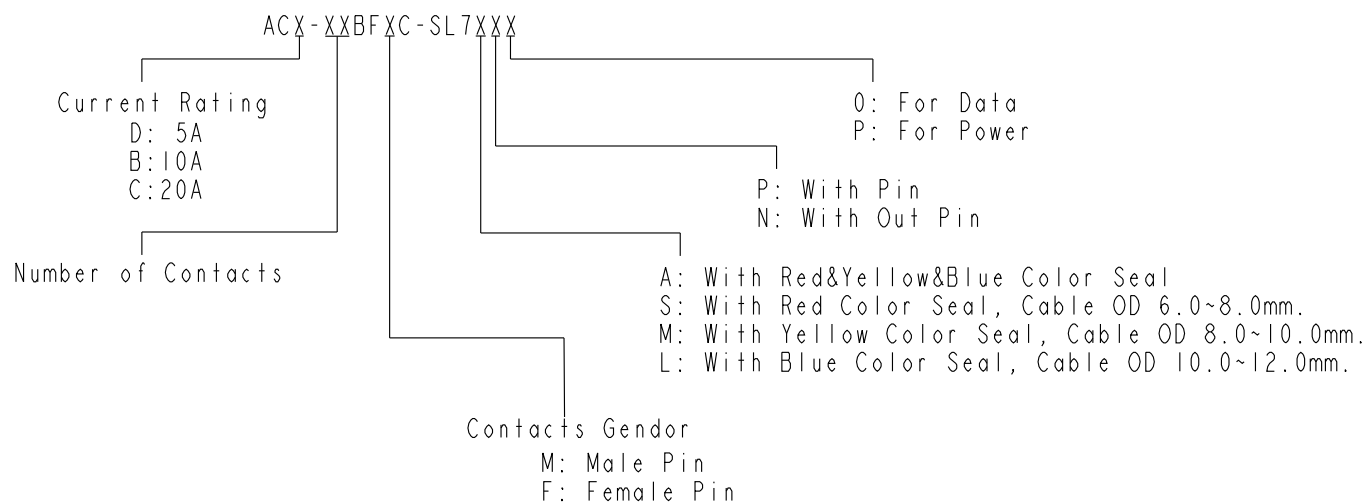
UNIT:mm		TITLE Circular C-Size Field Installable Cable Type F Conn		
TOLERANCE ±0.5 mm		SCALE 8:5	SIZE A4	SHEET 1 OF 2
REV. A	WC-REV. A.3	QC: Inspection item		

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ITEM NO	DRAWN BY Peng	DATE 2018-12-15
DWG NO ACX-XXBFXC-SL7XXX	CHECKED BY Mafei	DATE 2018-12-15
CUSTOMER ALTW	APPROVED BY Jerry	DATE 2018-12-15

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Ordering Information:



Pin Assignments Front View	20A ; 2 Contacts(02)	10A ; 4 Contacts(04)	10A ; 5 Contacts(05)	10A ; 6 Contacts(06)	5A ; 7 Contacts(07)	5A ; 8 Contacts(08)	5A ; 9 Contacts(09)	5A ; 10 Contacts(10)	5A ; 12 Contacts(12)	5A ; 14 Contacts(14)
Male Pin										
Female Pin										

UNIT:mm		TITLE Circular C-Size Field Installable Cable Type F Conn				ITEM NO		DRAWN BY Peng		DATE 2018-12-15	
TOLERANCE ±0.5 mm		SCALE 8:5	SIZE A4	SHEET 2 OF 2		DWG NO ACX-XXBFXC-SL7XXX		CHECKED BY Mafei		DATE 2018-12-15	
REV. A		WC-REV. A.3		QC: Inspection item		CUSTOMER ALTW		APPROVED BY Jerry		DATE 2018-12-15	

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