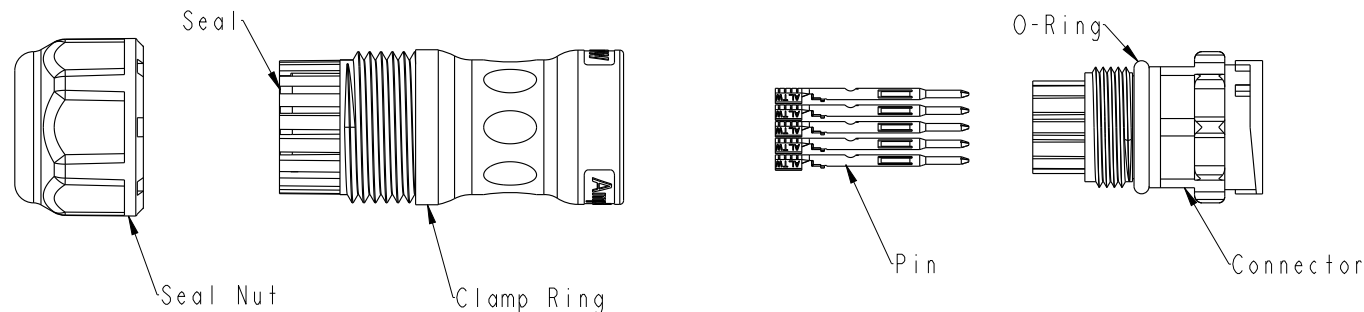


7	8
Rev.	DESCRIPTION



**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:**

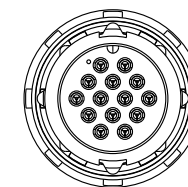
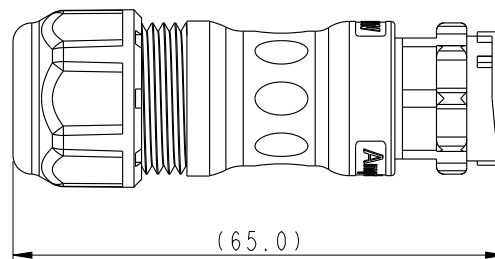
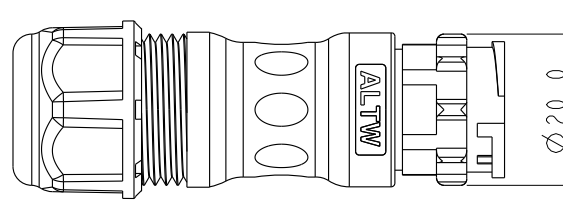
- \* Contact Resistance: 10mΩ Max.
- \* Insulation Resistance: 100MΩ Min.
- \* Dielectric Withstand Voltage: 1,600 Vac.

**Mechanical Specification:**

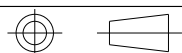
- \* Durability: 1000 Cycles.
- \* Tensile strength: 10 kgf.
- \* Wire Conductor:
  - 5A: 22AWG~20AWG
- \* Wire Insulation OD:
  - 5A: 1.9mm Max.
- \* Torque Force for Clamp Ring: 6~8 kgf-cm
- \* Torque Force for Seal Nut: 6~8 kgf-cm

**Environmental Specification:**

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



UNIT:mm



TOLERANCE

±0.5 mm

TITLE  
Circular C-Size Field Installable  
Cable Type M Conn

SCALE	8:5	SIZE	A4	SHEET	1	OF	2
REV.	A	WC-REV.	A.3	QC: Inspection item			

**Amphenol LTW**  
安費諾亮泰企業股份有限公司

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

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.

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:

ACD-XXBMXC-LL7XXX

Number of Contacts

Contacts Gender  
 M: Male Pin  
 F: Female Pin

0: For Data  
 P: For Power  
 P: With Pin  
 N: With Out Pin  
 A: With Red&Yellow&Blue Color Seal  
 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.

Pin Assignments Front View	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 M Conn
TOLERANCE ±0.5 mm	SCALE 8:5	SIZE A4
	REV. A	SHEET 2 OF 2
	WC-REV. A.3	QC: Inspection item

**Amphenol LTW**  
 安費諾亮泰企業股份有限公司

ITEM NO	DRAWN BY Peng	DATE 2018-12-15
DWG NO ACD-XXBMXC-LL7XXX	CHECKED BY Mafei	DATE 2018-12-15
CUSTOMER ALTW	APPROVED BY Jerry	DATE 2018-12-15