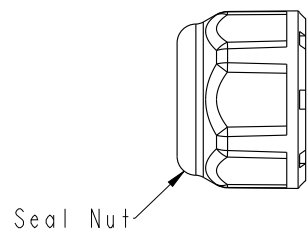
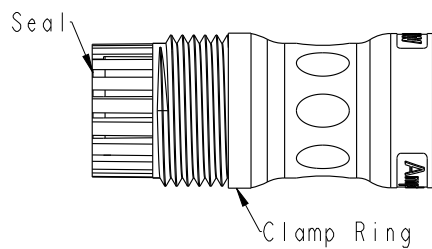


7	8
REV.	DESCRIPTION

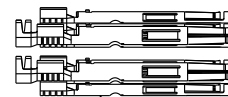
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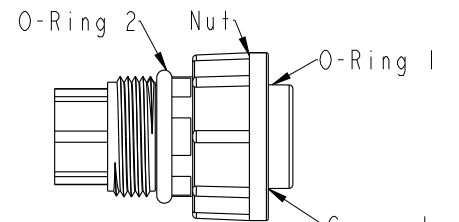
Seal Nut



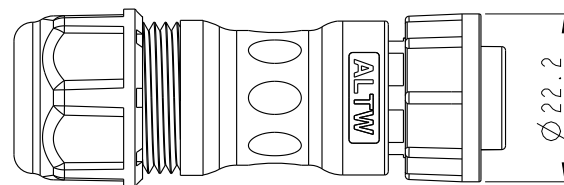
Clamp Ring



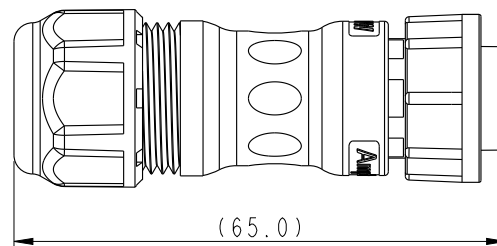
Pin



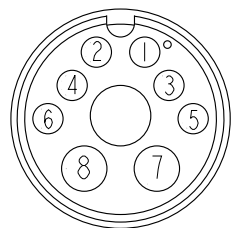
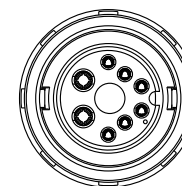
Connector



Ø 22.2



(65.0)



Pin Assignments
Front View

UNIT:mm		
TOLERANCE		
±0.5 mm		

TITLE Circular C-Size Field Installable Cable Type F Conn			
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 ACBD-08BFFC-LL7XP0	CHECKED BY Mafei	DATE 2018-12-15
CUSTOMER ALTW	APPROVED BY Jerry	DATE 2018-12-15

F
E
D
C
B
A

Ordering Information:

ACBD-08BFFC-LL7XP0

Material Specification:
 * Connector: Nylon+GF, Black.
 * Pins: Copper Alloy, Gold Plated.
 * Seal & O-Ring: Silicone, Gray.
 * UL Rated: UL 94V-0, fl.
 * RoHS Compliant.

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.

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
 * Wire Insulation OD:
 5A: 1.9mm Max.
 10A: 2.7mm 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 2 OF 2
REV. A	WC-REV. A.3	QC: Inspection item	

Amphenol LTW

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