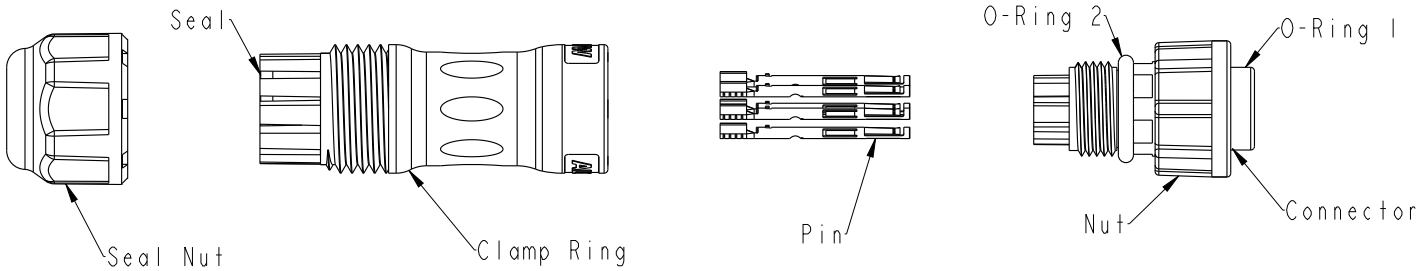
REV.	DESCRIPTION

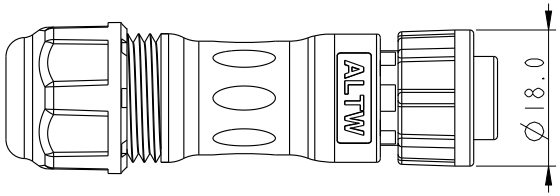


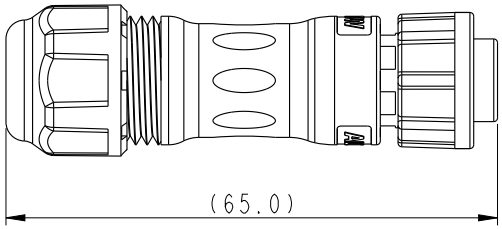
Material Specification:
* Connector: Nylon+GF, Black.
* Pins: Copper Alloy, Gold Plated.
* Seal & O-Ring: Silicone, Gray.
* UL Rated: UL 94V-0, fl.
* RoHS Compliant.

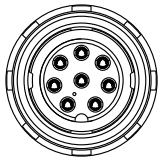
Electrical Specification:
* Contact Resistance: 10mΩ Max.
* Insulation Resistance: 100MΩ Min.
* Dielectric Withstand Voltage: 1,600 Vac.

Mechanical Specification:
* Durability: 1000 Cycles.
* Tensile strength: 10 kgf.
* Wire Conductor:
  5A: 22AWG~20AWG
  10A: 18AWG~16AWG
* 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 B-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: Peng	DATE: 2018-12-15
TOLERANCE ±0.5 mm	SCALE: 8:5	SIZE: A4	SHEET 1 OF 2	DWG NO: ABX-XXBFXC-LL7XXX	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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Ordering Information:

ABX-XXBFXC-LL7XXX

Current Rating
D: 5A
B: 10A

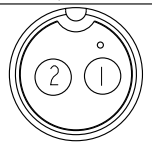
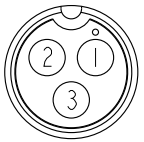
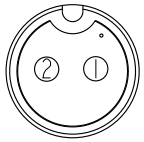
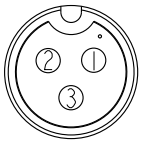
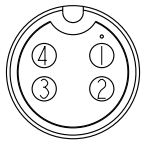
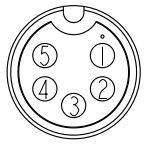
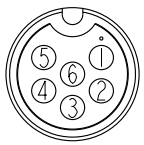
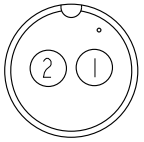
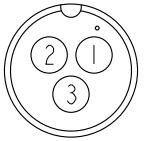
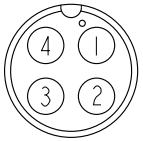
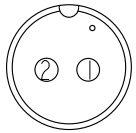
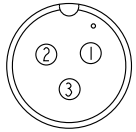
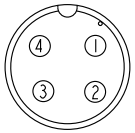
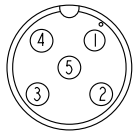
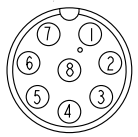
Number of Contacts

Contacts Gendor
M: Male Pin
F: Female Pin

A: With Red&Yellow&Blue Color Seal
S: With Red Color Seal, Cable OD 5.0~6.0mm.
M: With Yellow Color Seal, Cable OD 6.0~8.0mm.
L: With Blue Color Seal, Cable OD 8.0~10.0mm.

P: With Pin
N: With Out Pin

O: For Data
P: For Power

Pin Assignments Front View	10A ; 2 Contacts(02)	10A ; 3 Contacts(03)	10A ; 4 Contacts(04)	5A ; 2 Contacts(02)	5A ; 3 Contacts(03)	5A ; 4 Contacts(04)	5A ; 5 Contacts(05)	5A ; 6 Contacts(06)	5A ; 7 Contacts(07)	5A ; 8 Contacts(08)
Male Pin										
Female Pin										

UNIT: mm

TOLERANCE
±0.5 mm

TITLE: Circular B-Size Field Installable Cable Type F Conn

SCALE	SIZE	SHEET
8:5	A4	2 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: Peng	DATE: 2018-12-15
DWG NO: ABX-XXBFXC-LL7XXX		CHECKED BY: Mafei	DATE: 2018-12-15
CUSTOMER: ALTW		APPROVED BY: Jerry	DATE: 2018-12-15

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