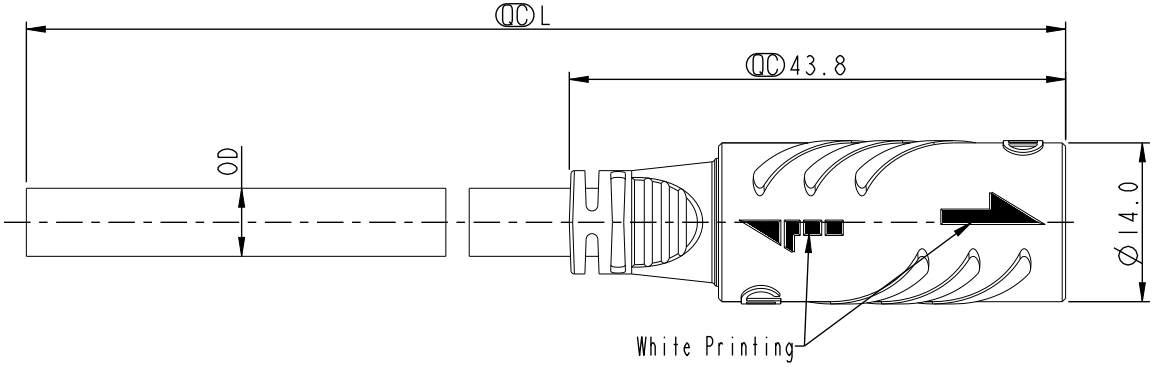
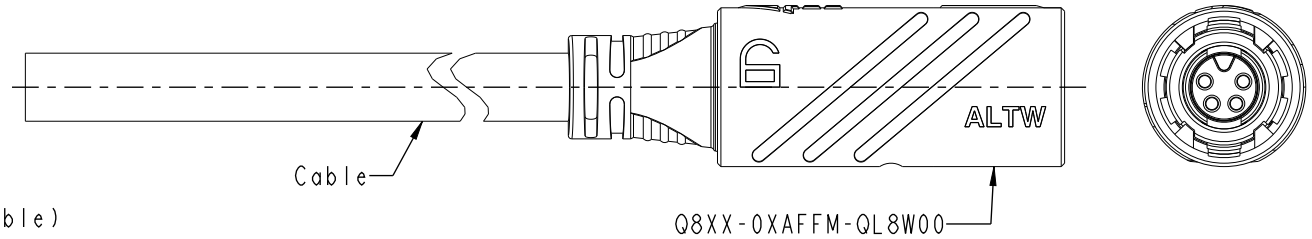
REV.	ECN NO.	DATE	SIGN	DESCRIPTION
A	Initial Release	2016/06/30	Aric Ko	Rev.A
B	LEN1680168	2016/07/28	Aric Ko	Modify Drawing.
C	C241008	2024/08/28	Hubert	C XI

B





Material Specification:
* Connector: Thermoplastic
* Contacts: Copper Alloy, Gold Plated.
* Gasket: Rubber
* UL Rated: UL 94V-0, fl
* Cable: UL Style, 24AWG(2A), 20AWG(5A), Sun Res., PVC Jacket, Black.
* RoHS Compliant

Electrical Specification:
* Contact Resistance: 10mΩ Max.(Without Cable)
* Insulation Resistance: 100MΩ Min.
* Dielectric Withstand Voltage: 1,000V Plus 2 Times the Rated Voltage.

Mechanical Specification:
* Durability: 2,000 Cycles
* Tensile Strength: 10 kgf

Environmental Specification:
* Waterproof Rating: IP68(Mated, 1M/24 Hours)
* Temperature Range: -40°C to 105°C
* C Salt Spray: Mated, 1000 Hours.
* Safety Compliance: UL 2238(Outdoor Use, UL 50e)

Cable Length Tolerance:

01M:	±40mm
02M~06M:	±60mm
06M~10M:	±100mm
11M~30M:	±200mm
31M~99M:	±500mm

UNIT:mm	TITLE B SIZE 8, OVERMOLDED WITH CABLE HS-LOK, F CONN F PIN	Amphenol LTW 安費諾亮泰企業股份有限公司	ITEM NO
TOLERANCE ±0.5 mm	SCALE 3:2 / SIZE A4 / SHEET 1 OF 2		DWG NO Q8XX-0XAFFM-QL8AXX
	REV. C / WC-REV. A.10 / QC:Inspection item		CUSTOMER ALTW

DRAWN BY Hubert	DATE 2024/08/28	
CHECKED BY Aric	DATE 2024/08/28	
APPROVED BY Fred	DATE 2024/08/28	

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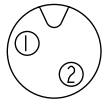
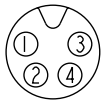
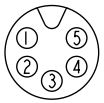
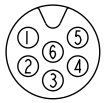
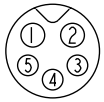
B

	5A, 300Vac/Vdc 2 Contacts(02) Cable OD 5.2mm; Wire Color Identification: 1.White, 2.Black
	5A, 300Vac/Vdc 3 Contacts(03) Cable OD 5.5mm; Wire Color Identification: 1.White, 2.Black, 3.Green
	5A, 300Vac/Vdc 4 Contacts(04) Cable OD 6.0mm; Wire Color Identification: 1.White, 2.Black, 3.Red, 4.Blue
	2A, 100Vdc 5 Contacts(05) Cable OD 5.5mm; Wire Color Identification: 1.White, 2.Black, 3.Red, 4.Blue, 5.Green
	2A, 100Vdc 6 Contacts(06) Cable OD 5.8mm; Wire Color Identification: 1.White, 2.Black, 3.Red, 4.Blue, 5.Green, 6.Brown
	5A, 300Vac + 2A, 100Vdc 2+3 Contacts(05) Cable OD 6.0mm; Wire Color Identification: 1.White, 2.Black, 3.Red, 4.Blue, 5.Green

Pin Assignments, Front View

Ordering Information:

Q8XX-0XAFFM-QL8AXX

D: 5A	Number of Contacts	XX: 01~99Meters
U: 2A	02	01: 01Meter
DU: 5A+2A	⋮	⋮
	06	99: 99Meters
		Cable Length(L): 01~99Meters

Mating Connector:
Overmolded with Cable: Q8XX-0XAMMM-QL8AXX
Receptacle: Q8XX-0XPMMS-QF8001

UNIT:mm	TITLE: B SIZE 8, OVERMOLDED WITH CABLE HS-LOK, F CONN F PIN	Amphenol LTW 安費諾亮泰企業股份有限公司	ITEM NO
TOLERANCE ±0.5 mm	SCALE 2:1 / SIZE A4 / SHEET 2 OF 2		DWG NO Q8XX-0XAFFM-QL8AXX
	REV. C / WC-REV. A.10		CUSTOMER ALTW
	QC: Inspection item		

DRAWN BY Hubert	DATE 2024/08/28	
CHECKED BY Aric	DATE 2024/08/28	
APPROVED BY Fred	DATE 2024/08/28	

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