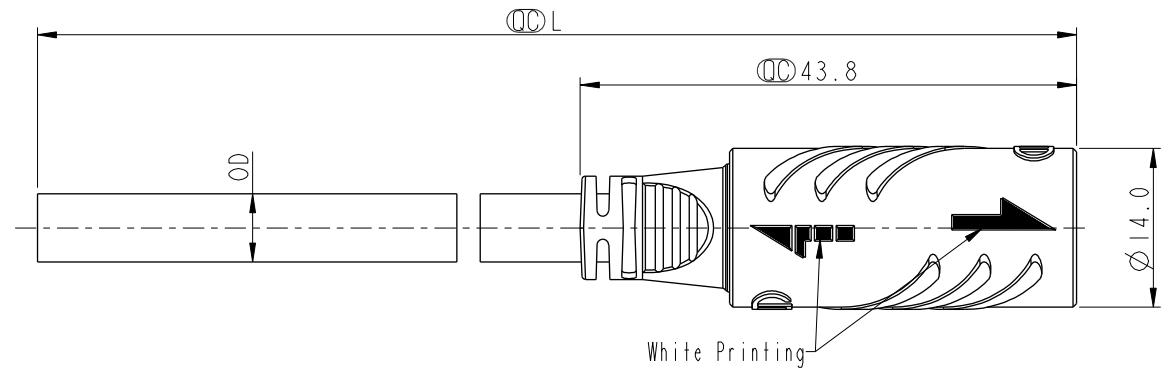
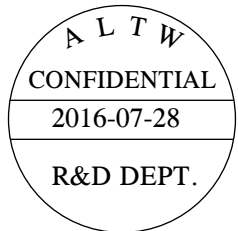


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REV.	ECN NO.	DATE	SIGN	DESCRIPTION
A	Initial Release	2016/06/30	Aric Ko	Rev.A
B	LEN1680168	2016/07/28	Aric Ko	Modify Drawing.



**Material Specification:**

- \* Connector: Thermoplastic
- \* Contacts: Copper Alloy, Gold Plated.
- \* Gasket: Rubber
- \* UL Rated: UL 94V-0, f1
- \* Cable: UL Style, 24AWG(2A), 20AWG(5A), Sun Res., PVC Jacket, Black.
- \* RoHS Compliant

**Electrical Specification:**

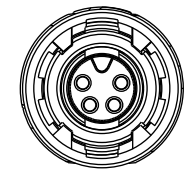
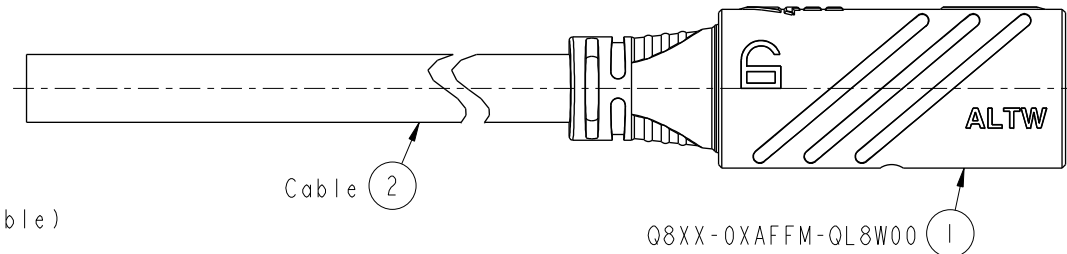
- \* Contact Resistance: 10mΩ Max.(Without Cable)
- \* Insulation Resistance: 100MΩ Min.
- \* Dielectric Withstand Voltage: 1,000V Plus 2 Times the Rated Voltage.

**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
- \* Salt Spray: Mated, 500 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		
TOLERANCE		
±0.5 mm		

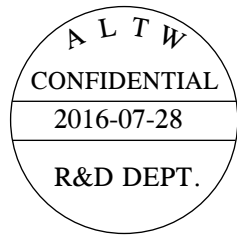
TITLE SIZE 8, OVERMOLDED WITH CABLE HS-LOK, F CONN F PIN			
SCALE 3:2	SIZE A4	SHEET 1 OF 2	
REV. B	WC-REV. A.9	QC: Inspection item	

**Amphenol LTW**  
安費諾亮泰企業股份有限公司

ITEM NO	DRAWN BY Aric Ko	DATE 2016-07-29
DWG NO Q8XX-0XAFFM-QL8AXX	CHECKED BY Victor Hung	DATE 2016-07-29
CUSTOMER ALTW	APPROVED BY Kevin Hu	DATE 2016-07-29

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△							
① ②	5A, 300Vac/Vdc 2 Contacts(02) Cable OD 5.2mm; Wire Color Identification: 1.White, 2.Black						
① ② ③	5A, 300Vac/Vdc 3 Contacts(03) Cable OD 5.5mm; Wire Color Identification: 1.White, 2.Black, 3.Green						
① ② ③ ④	5A, 300Vac/Vdc 4 Contacts(04) Cable OD 6.0mm; Wire Color Identification: 1.White, 2.Black, 3.Red, 4.Blue						
① ② ③ ④ ⑤	2A, 100Vdc 5 Contacts(05) Cable OD 5.5mm; Wire Color Identification: 1.White, 2.Black, 3.Red, 4.Blue, 5.Green						
① ② ③ ④ ⑤ ⑥	2A, 100Vdc 6 Contacts(06) Cable OD 5.8mm; Wire Color Identification: 1.White, 2.Black, 3.Red, 4.Blue, 5.Green, 6.Brown						
① ② ③ ④ ⑤	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-0XPMM5-QF8001

UNIT:mm		TITLE △ SIZE 8, OVERMOLDED WITH CABLE HS-LOK, F CONN F PIN
TOLERANCE ±0.5 mm	SCALE 2:1	SIZE A4
	REV. B	SHEET 2 OF 2
	WC-REV. A.9	QC: Inspection item

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