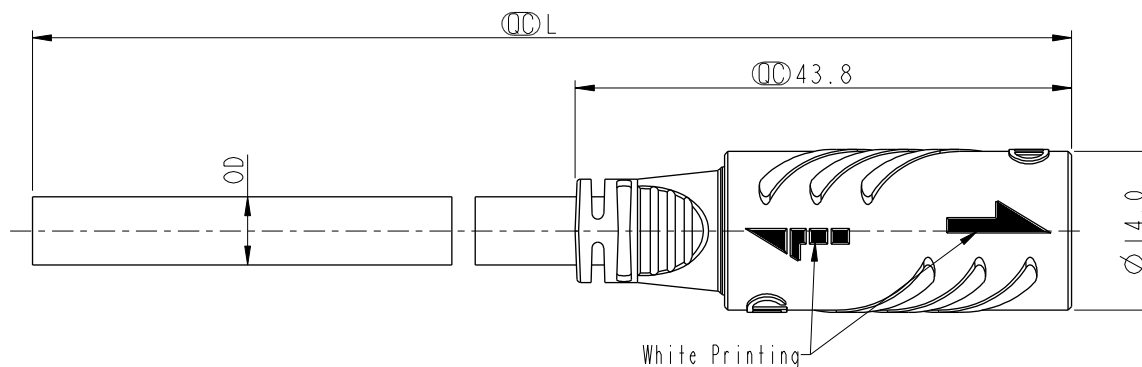
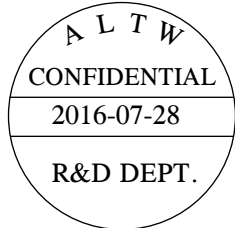


REV.	ECN NO.	DATE	SIGN	DESCRIPTION
A	Initial Release	2016/06/30	Aric Ko	Rev.A
B	LEN1680168	2016/07/28	Aric Ko	Modify Drawing.



Material Specification:

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

Electrical Specification:

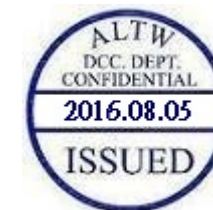
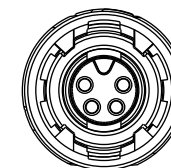
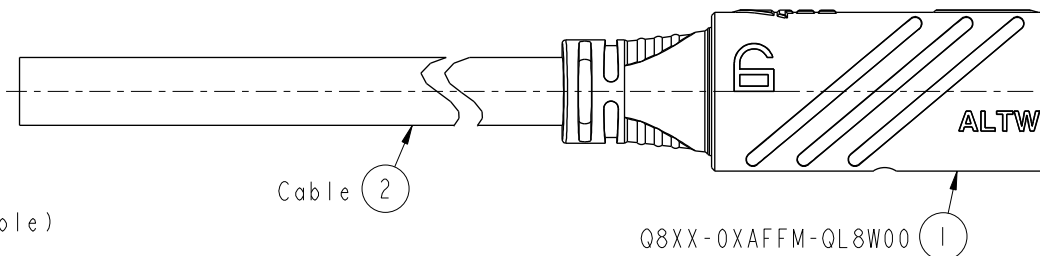
- * Contact Resistance: 10mΩ Max.(Without Cable)
- * Insulation Resistance: 100MΩ Min.
- * Dielectric Withstand Voltage: 1,000V Plus 2 Times the Rated Voltage.

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
- * Salt Spray: Mated, 500 Hours.
- * Safety Compliance: UL 2238(Outdoor Use, UL 50e)

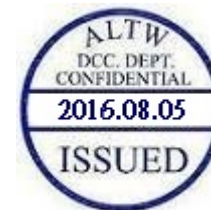


Cable Length Tolerance:

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

UNIT:mm				TITLE SIZE 8, OVERMOLDED WITH CABLE HS-LOK, F CONN F PIN		ITEM NO		DRAWN BY Aric Ko		DATE 2016-07-29	
TOLERANCE		SCALE 3:2		SIZE A4		DWG NO Q8XX-0XAFFM-QL8AXX		CHECKED BY Victor Hung		DATE 2016-07-29	
±0.5 mm		REV. B		WC-REV. A.9		CUSTOMER ALTW		APPROVED BY Kevin Hu		DATE 2016-07-29	
				SHEET 1 OF 2							
				QC: Inspection item							

Amphenol LTW
安費諾亮泰企業股份有限公司



Ordering Information:

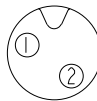
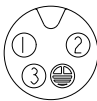
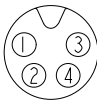
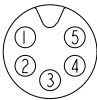
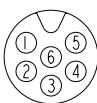
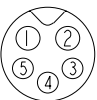
Q8XX-0XAF FM-QL8AXX

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

	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	

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

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

Mouser Electronics

Authorized Distributor

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