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.

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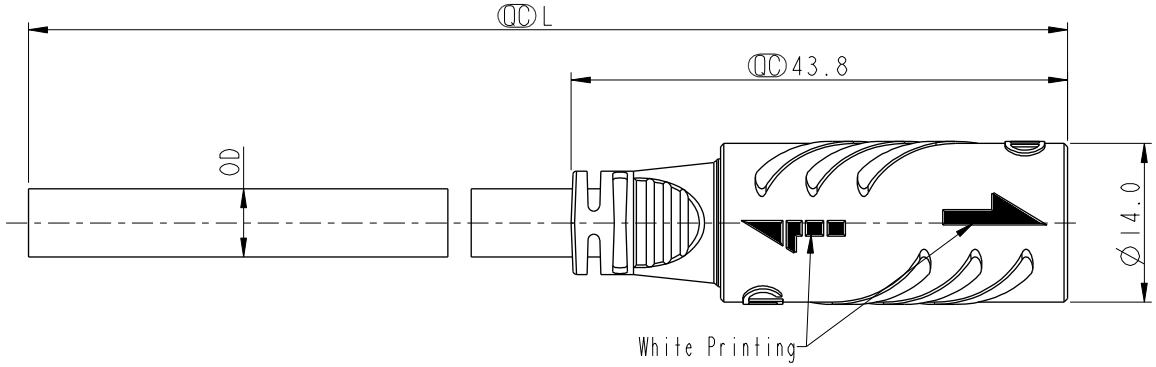
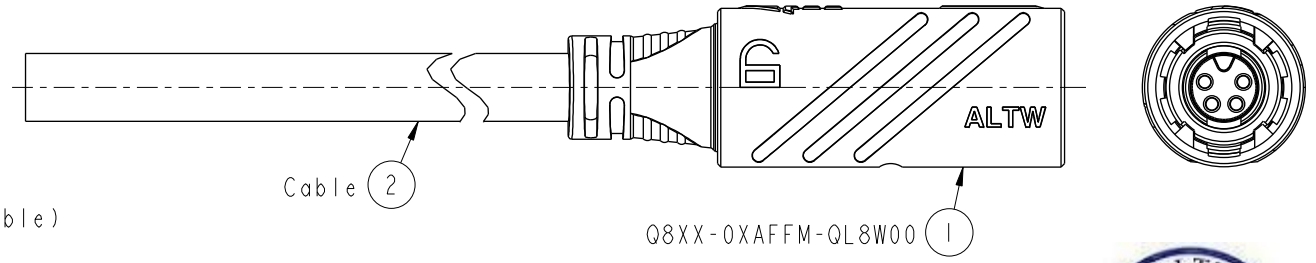
B





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

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UNIT: mm

TOLERANCE
±0.5 mm

TITLE: B SIZE 8, OVERMOLDED WITH CABLE HS-LOK, F CONN F PIN

SCALE	SIZE	SHEET	OF
3:2	A4	1	2

REV. B | WC-REV. A.9 | QC: Inspection item

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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

FMW10702-01-02A1

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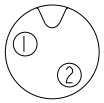
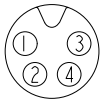
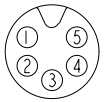
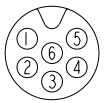
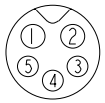
	5A, 300Vac/Vdc 2 Contacts(02) Cable OD 5.2mm; Wire Color Identification: 1.White, 2.Black
	5A, 300Vac/Vdc 3 Contacts(03) Cable OD 5.5mm; Wire Color Identification: 1.White, 2.Black, 3.Green
	5A, 300Vac/Vdc 4 Contacts(04) Cable OD 6.0mm; Wire Color Identification: 1.White, 2.Black, 3.Red, 4.Blue
	2A,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

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Ordering Information:

Q8XX-0XAFFM-QL8AXX

- Q8XX: D: 5A, U: 2A, DU: 5A+2A
- 0X: Number of Contacts: 02, :, 06
- AFFM: XX: 01~99Meters; 01: 01Meter; :; 99: 99Meters; Cable Length(L): 01~99Meters
- QL8AXX

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

UNIT: mm
TOLERANCE
±0.5 mm

TITLE: B SIZE 8, OVERMOLDED WITH CABLE HS-LOK, F CONN F PIN
SCALE 2:1 | SIZE A4 | SHEET 2 OF 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-0XAFFM-QL8AXX	CHECKED BY: Victor Hung	DATE: 2016-07-29
CUSTOMER: ALTW	APPROVED BY: Kevin Hu	DATE: 2016-07-29

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