

F	1		2		3		4		5		6		7		8	
				REV.		ECN NO.		DATE		SIGN		DESCRIPTION				
				A		Initial Release		2016/06/30		Aric Ko		Rev.A				
				B		LEN1680170		2016/07/28		Aric Ko		Modify Drawing.				
E																
D																
C																
B																
A																

ALTW

CONFIDENTIAL

2016-07-28

R&D DEPT.

△

7.1^{+0.1}₀

1.0[±]

1.8[±]

Ø

Recommended Panel Cut-Out

6.0

15.2[±]

M8x1.0

1 Connector

2 O-Ring

3 Screw Nut

10.0(Hex.)

11.5(Ref.)

8.8

Q8U-06PMMS-QF8001

ALTW

DCC. DEPT.

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2016.08.05

ISSUED

Material Specification:

* Connector: Thermoplastic

* Contacts: Copper Alloy, Gold Plated.

* O-Ring: Rubber

* UL Rated: UL 94V-0, fl

* Wire Range: 24AWG(2A), 20AWG(5A)

* RoHS Compliant

Electrical Specification:

* Contact Resistance: 10mΩ Max.

* Insulation Resistance: 100MΩ Min.

* Dielectric Withstand Voltage: 1,000V Plus 2 Times the Rated Voltage.

Mechanical Specification:

* Durability: 2,000 Cycles

* Torque Force for Nut: 6~8 kgf-cm

* Panel Thickness: 0.8~2.0mm

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)

UNIT:mm

⊕

⏏

TOLERANCE

.X

±0.25

.XX

±0.1

.XXX

±0.05

ANGLES

±1°

TITLE

△

SIZE 8, RECEPTACLE(FRONT)

HS-LOK, M CONN M PIN

SCALE

3:1

SIZE

A4

SHEET

1

OF

2

REV.

B

WC-REV.

A.6

QC

Inspection item

Amphenol LTW

安費諾亮泰企業股份有限公司

ITEM NO

DWG NO

Q8XX-0XPMMS-QF8001

CUSTOMER

ALTW

DRAWN BY

Aric Ko

CHECKED BY

Victor Hung

APPROVED BY

Kevin Hu

DATE

2016-07-28

DATE

2016-07-28

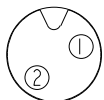
DATE

2016-07-28

8

FMW10702-01-02A1

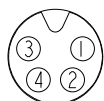
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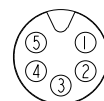
5A, 300Vac/Vdc
2 Contacts(02)
Wire Color Identification:
1.White, 2.Black



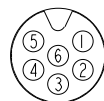
5A, 300Vac/Vdc
3 Contacts(03)
Wire Color Identification:
1.White, 2.Black, 3.Green



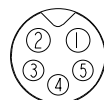
5A, 300Vac/Vdc
4 Contacts(04)
Wire Color Identification:
1.White, 2.Black, 3.Red, 4.Blue



2A, 100Vdc
5 Contacts(05)
Wire Color Identification:
1.White, 2.Black, 3.Red, 4.Blue, 5.Green

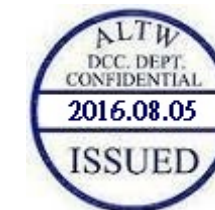
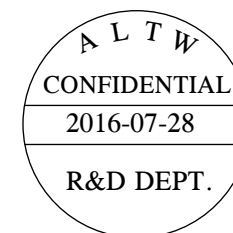


2A, 100Vdc
6 Contacts(06)
Wire Color Identification:
1.White, 2.Black, 3.Red, 4.Blue, 5.Green, 6.Brown



5A, 300Vac + 2A, 100Vdc
2+3 Contacts(05)
Wire Color Identification:
1.White, 2.Black, 3.Red, 4.Blue, 5.Green

Pin Assignments, Front View



Ordering Information:

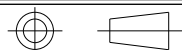
Q8XX-0XPMMS-QF8001

D: 5A Number of Contacts
U: 2A 02
DU: 5A+2A :
 06

Mating Connector:

Overmolded with Cable: Q8XX-0XAFFM-QL8AXX

UNIT:mm



TOLERANCE
.X ±0.25
.XX ±0.1
.XXX ±0.05
ANGLES ±1°



SIZE 8, RECEPTACLE(FRONT)
HS-LOK, M CONN M PIN

SCALE 1:1

SIZE A4

SHEET 2 OF 2

REV. B

WC-REV. A.1

QC: Inspection item

Amphenol LTW
安費諾亮泰企業股份有限公司

ITEM NO

DWG NO

CUSTOMER

DRAWN BY

CHECKED BY

APPROVED BY

DATE

DATE

DATE

Aric Ko 2016-07-28

Victor Hung 2016-07-28

Kevin Hu 2016-07-28

ALTW