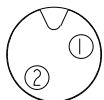


F	1		2		3		4		5		6		7		8																	
ALTW CONFIDENTIAL 2016-07-28 R&D DEPT. △ 7.1^{+0.1}₀ 1.0±0.1 Ø8.1±0.1 Recommended Panel Cut-Out Material Specification: * Connector: Thermoplastic * Contacts: Copper Alloy, Gold Plated. * O-Ring: Rubber * UL Rated: UL 94V-0, fl * Wire Range: 24AWG(2A), 20AWG(5A) * 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)																<table><tr><td>REV.</td><td>ECN NO.</td><td>DATE</td><td>SIGN</td><td>DESCRIPTION</td></tr><tr><td>A</td><td>Initial Release</td><td>2016/06/30</td><td>Aric Ko</td><td>Rev.A</td></tr><tr><td>B</td><td>LEN1680170</td><td>2016/07/28</td><td>Aric Ko</td><td>Modify Drawing.</td></tr></table>		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.
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D	8.8 Q8U-06PMMS-QF8001 ALTW DCC. DEPT. CONFIDENTIAL 2016.08.05 ISSUED																															
C	UNIT:mm △ 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																															
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8 FMM10702-01-02A1																																

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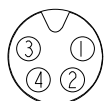
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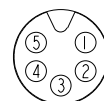
5A, 300Vac/Vdc
2 Contacts(02)
Wire Color Identification:
1.White, 2.Black



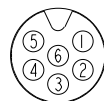
5A, 300Vac/Vdc
3 Contacts(03)
Wire Color Identification:
1.White, 2.Black, 3.Green



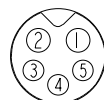
5A, 300Vac/Vdc
4 Contacts(04)
Wire Color Identification:
1.White, 2.Black, 3.Red, 4.Blue



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



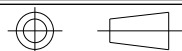
2A, 100Vdc
6 Contacts(06)
Wire Color Identification:
1.White, 2.Black, 3.Red, 4.Blue, 5.Green, 6.Brown



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

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

Q8XX-0XPMMS-QF8001
ALTW

DRAWN BY

CHECKED BY

APPROVED BY

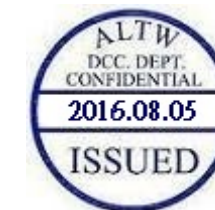
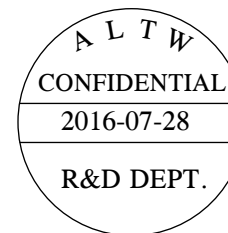
Aric Ko
Victor Hung
Kevin Hu

DATE

DATE

DATE

2016-07-28
2016-07-28
2016-07-28



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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Amphenol:](#)

[Q8D-02PMMS-QF8001](#)