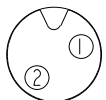


1		2		3		4		5		6		7		8	
ALTW CONFIDENTIAL 2016-07-28 R&D DEPT.				REV.		ECN NO.		DATE		SIGN		DESCRIPTION			
				A		Initial Release		2016/06/30		Aric Ko		Rev.A			
				B		LEN1680170		2016/07/28		Aric Ko		Modify Drawing.			
Material Specification: * Connector: Thermoplastic * Contacts: Copper Alloy, Gold 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)				7.1^{+0.1}₀ 1.0±0.1 Ø1.8 Recommended Panel Cut-Out		6.0 15.2 M8x1.0 Connector O-Ring Screw Nut				10.0(Hex.) 11.5(Ref.)					
				8.8		Q8U-06PMMS-QF8001				ALTW DCC. DEPT. CONFIDENTIAL 2016.08.05 ISSUED					
UNIT:mm		SIZE 8, RECEPTACLE(FRONT) HS-LOK, M CONN M PIN		Amphenol LTW				ITEM NO		DRAWN BY		DATE			
TOLERANCE		SCALE		SIZE		SHEET		DWG NO		CHECKED BY		DATE			
.X ±0.25		3:1		A4		1 OF 2		Q8XX-0XPMMS-QF8001		Victor Hung		2016-07-28			
.XX ±0.1		REV.		WC-REV.		QC:Inspection item		CUSTOMER		APPROVED BY		DATE			
.XXX ±0.05		B		A.6				ALTW		Kevin Hu		2016-07-28			
ANGLES ±1°															
		2		3		4		5		6		7		8	

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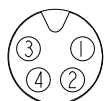
THIS DOCUMENT IS SUBJECT TO CHANGE WITHOUT NOTICE. IT IS CONFIDENTIAL AND A PROPERTY OF Amphenol LTW. DISCLOSURE TO THIRD PARTY HAS TO BE AUTHORIZED BY Amphenol LTW.



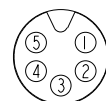
5A, 300Vac/Vdc
2 Contacts(02)
Wire Color Identification:
1.White, 2.Black



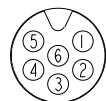
5A, 300Vac/Vdc
3 Contacts(03)
Wire Color Identification:
1.White, 2.Black, 3.Green



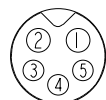
5A, 300Vac/Vdc
4 Contacts(04)
Wire Color Identification:
1.White, 2.Black, 3.Red, 4.Blue



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

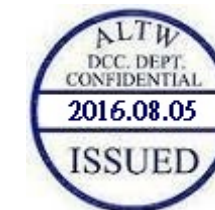
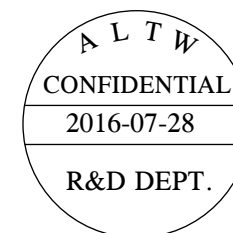


2A, 100Vdc
6 Contacts(06)
Wire Color Identification:
1.White, 2.Black, 3.Red, 4.Blue, 5.Green, 6.Brown



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:

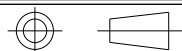
Q8XX-0XPMMS-QF8001

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

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

Mouser Electronics

Authorized Distributor

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

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