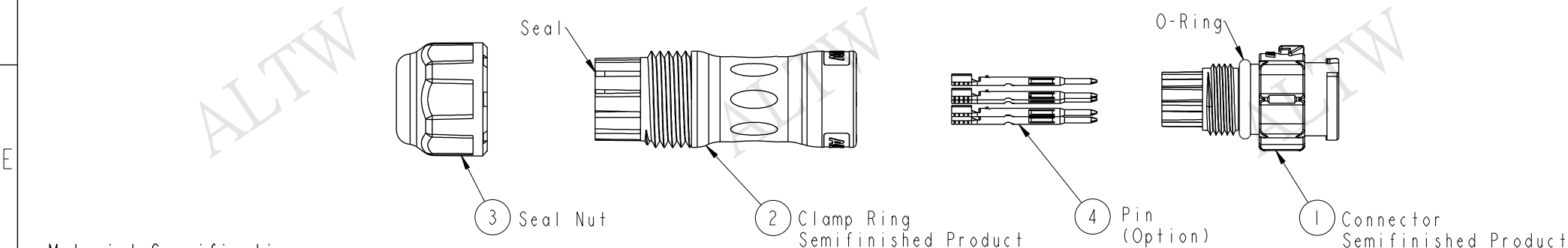


REV.	ECN NO.	DATE	SIGN	DESCRIPTION
A		2016/11/23	Victor Hung	Change Rev.01 To Rev.A



Material Specification:

- * Connector: Nylon+GF, Black.
- * Pins: Copper Alloy, Gold Plated.
- * Seal & O-Ring: Silicone, Gray.
- * UL Rated: UL 94V-0, fl.
- * RoHS Compliant.

Electrical Specification:

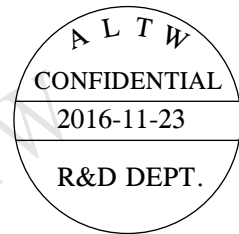
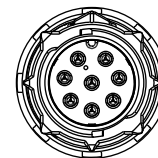
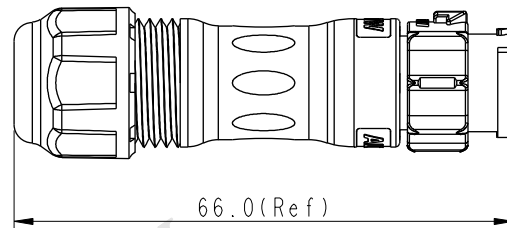
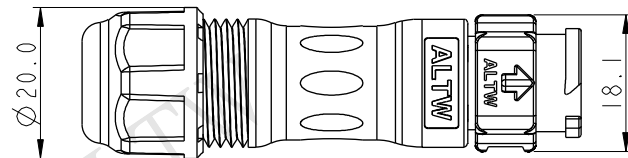
- * Contact Resistance: 10mΩ Max.
- * Insulation Resistance: 100MΩ Min.
- * Dielectric Withstand Voltage: 1,600 Vac.

Mechanical Specification:

- * Durability: 1000 Cycles.
- * Tensile strength: 10 kgf.
- * Wire Conductor:
 - 5A: 22AWG~20AWG
 - 10A: 18AWG~16AWG
- * Wire Insulation OD:
 - 5A: 1.9mm Max.
 - 10A: 2.7mm Max.
- * Torque Force for Clamp Ring: 6~8 kgf-cm
- * Torque Force for Seal Nut: 6~8 kgf-cm

Environmental Specification:

- * Waterproof Rating: IP68(Mated, 1M/24 Hours)
- * Temperature Range: -40°C to 105°C.
- * Salt Spray: Mated, 1000 Hours.
- * Safety Compliance: UL 1977.



UNIT:mm




TOLERANCE

±0.5 mm

TITLE

X-Lok B-Size Field Installable Cable Type M Conn

SCALE

8:5

SIZE

A4

SHEET

1 OF 2

REV.

A

WC-REV.

A.3

QC:Inspection item

Amphenol LTW

安費諾亮泰企業股份有限公司

ITEM NO

DWG NO

BX-0XBMXA-QL8XXX

CUSTOMER

ALTW

DRAWN BY

Victor Hung

CHECKED BY

Wes Fan

APPROVED BY

Kevin Hu

DATE

2016/11/23

DATE

2016/11/23

DATE

2016/11/23

8

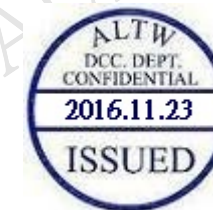
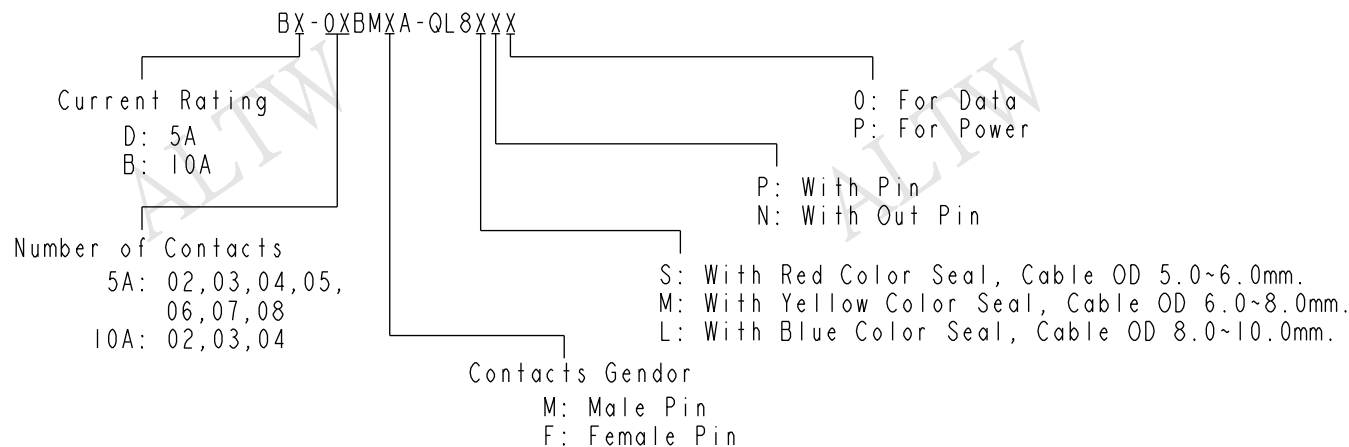
FMW10702-01-02A1

Amphenol LTW
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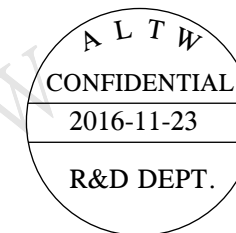
Ordering Information:



Mating Connector:

Overmolded with Cable: BX-0XAFXM-QL8XXX
Receptacle: BX-0XXFXS-QX8001
Field Installable: BX-0XBFXA-QLXXX

Tool Part No:
ASST-C-XXA-W-X



Pin Assignments Front View	10A ; 300Vac/Vdc 2 Contacts(02)	10A ; 300Vac/Vdc 3 Contacts(03)	10A ; 300Vac/Vdc 4 Contacts(04)	5A ; 300Vac/Vdc 2 Contacts(02)	5A ; 300Vac/Vdc 3 Contacts(03)	5A ; 300Vac/Vdc 4 Contacts(04)	5A ; 300Vac/Vdc 5 Contacts(05)	5A ; 300Vac/Vdc 6 Contacts(06)	5A ; 300Vac/Vdc 7 Contacts(07)	5A ; 300Vac/Vdc 8 Contacts(08)
Male Pin										
Female Pin										

UNIT:mm			TITLE X-Lok B-Size Field Installable Cable Type M Conn			ITEM NO BX-0XBMXA-QL8XXX		DRAWN BY Victor Hung		DATE 2016/11/23		
TOLERANCE ±0.5 mm			SCALE 8:5		SIZE A4			CHECKED BY Wes Fan		DATE 2016/11/23		
			REV. A		WC-REV. A.3			APPROVED BY Kevin Hu		DATE 2016/11/23		
					QC: Inspection item							

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ITEM NO		DRAWN BY		DATE	
BX-0XBMXA-QL8XXX		Victor Hung		2016/11/23	
DWG NO		CHECKED BY		DATE	
ALTW		Wes Fan		2016/11/23	
CUSTOMER		APPROVED BY		DATE	
		Kevin Hu		2016/11/23	

Mouser Electronics

Authorized Distributor

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

Amphenol:

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[BD-08BMMA-QL8MP0](#) [BB-04BMMA-QL8LPP](#) [BB-03BMFA-QL8LPP](#) [BB-02BMMA-QL8SPP](#) [BB-02BMFA-QL8LPP](#)
[BB-02BMFA-QL8SPP](#) [BB-02BMMA-QL8LPP](#) [BB-03BMMA-QL8LPP](#) [BB-03BMMA-QL8MPP](#) [BB-03BMMA-QL8SPP](#)
[BD-07BMMA-QL8SP0](#) [BD-02BMFA-QL8SP0](#) [BD-05BMMA-QL8SP0](#) [BD-06BMMA-QL8MP0](#) [BD-05BMMA-QL8MP0](#)
[BD-03BMMA-QL8MP0](#) [BD-06BMMA-QL8LP0](#) [BD-02BMMA-QL8SP0](#) [BD-03BMFA-QL8LP0](#) [BD-05BMFA-QL8LP0](#)
[BD-06BMFA-QL8LP0](#) [BD-07BMMA-QL8LP0](#) [BD-04BMMA-QL8SP0](#) [BD-02BMFA-QL8MP0](#) [BD-04BMFA-QL8SP0](#)
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[BD-03BMMA-QL8SP0](#) [BD-03BMMA-QL8LP0](#) [BD-08BMMA-QL8SP0](#)