

Material Specifications:

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

Electrical Specifications:

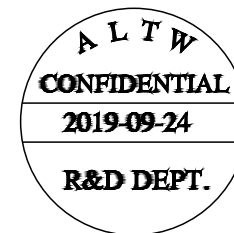
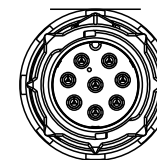
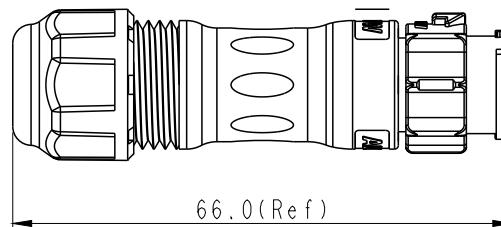
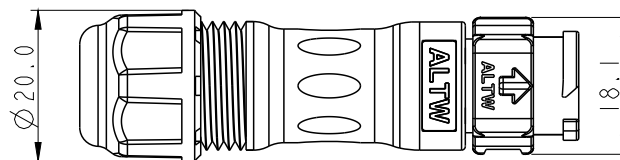
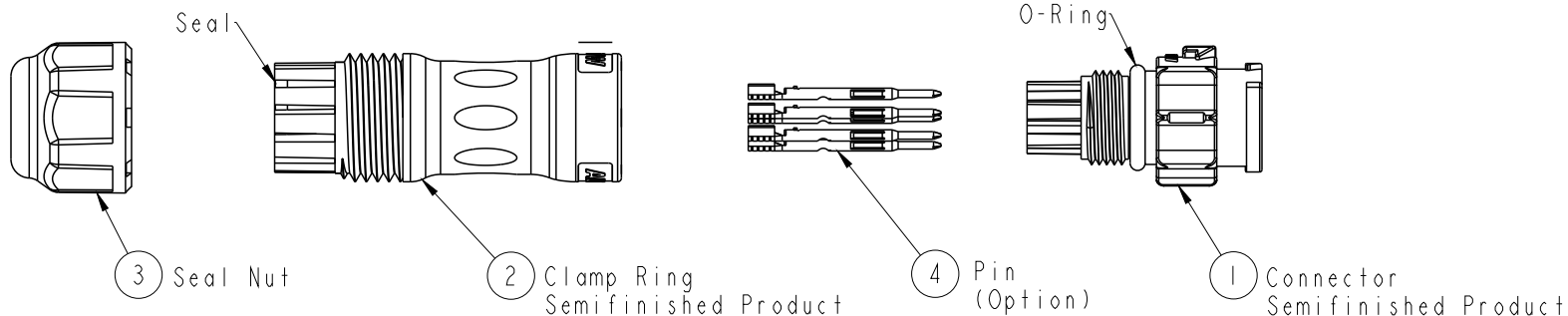
- * Contact Resistance: 10mΩ Max.
- * Insulation Resistance: 100MΩ Min.
- * Dielectric Withstand Voltage: 1,600 Vac.

Mechanical Specifications:

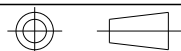
- * Durability: 1000 Cycles.
- * Tensile strength: 10 kgf.
- * Wire Conductor:
 - 5A: 22AWG~20AWG
 - 10A: 18AWG~16AWG
- * Wire Insulation OD:
 - 5A: 1.9mm Max.
 - 10A: 2.7mm Max.
- * Torque Force for Clamp Ring: 6~8 kgf-cm
- * Torque Force for Seal Nut: 6~8 kgf-cm

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

 $\pm 0.5 \text{ mm}$

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

SCALE 8:5

SIZE	
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SIZE	A4
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SHEET

OF 2

QC: Inspection item

Amphenol LTW

安費諾亮泰企業股份有限公司

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DATE	11/11/2011
DRAWN BY	11/11/2011

Brady Chung

DATE

2019/09/24

DWG NO	
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BX-0XBMXA-QL8XXX

	CHECKED BY
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Jane Wang

	DATE
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2019/09/24

CUSTOMER	
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ALTW

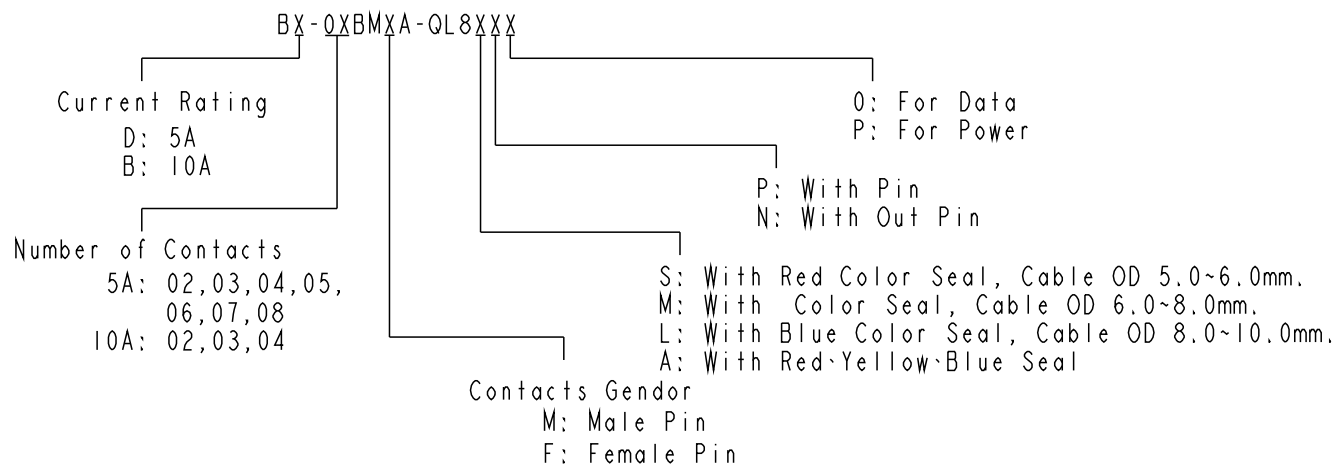
	APPROVED BY
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Neo Tsai

	DATE
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2019/09/24

Ordering Information:



Mating Connector:

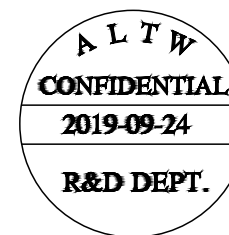
Overmolded with Cable: BX-0XAFXM-QL8XXX

Receptacle: BX-0XXFXS-QX8001

Field Installable: BX-0XBFXA-QLXXX

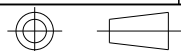
Tool Part No:

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

TOLERANCE

±0.5 mm

SCALE 8:5

SIZE A4

SHEET 2 OF 2

REV. B

MC-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

CUSTOMER

BX-0XBMXA-QL8XXX

ALTW

DRAWN BY

CHECKED BY

APPROVED BY

Brady Chung

Jane Wang

Neo Tsai

DATE

DATE

DATE

2019/09/24

2019/09/24

2019/09/24