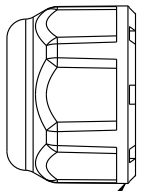
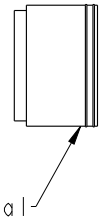
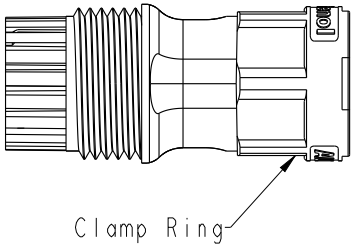
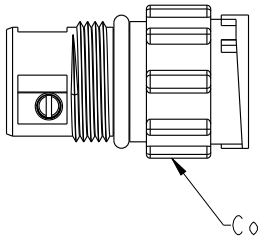
REV.	ECN NO.	DATE	SIGN	DESCRIPTION
B	C180527	2018/12/22	Mafei	Updated The Note.







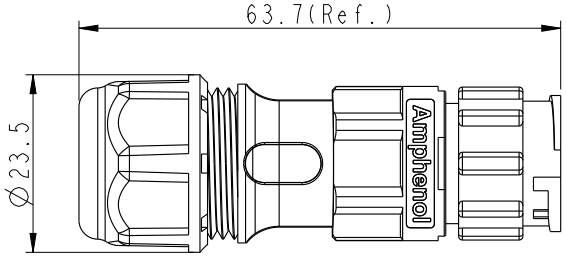


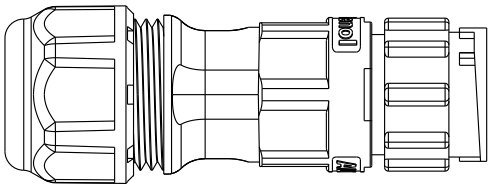
Material Specification:
- * Connector: Thermoplastic
- △B * Terminal: Copper Alloy, Silver Plated.
- * Seal & O-Ring: Rubber.
- * UL Rated: UL 94V-0, f1.
- * RoHS Compliant.

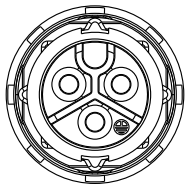
Electrical Specification:
- * Contact Resistance: 10mΩ Max.
- * Insulation Resistance: 100MΩ Min.
- * Dielectric Withstand Voltage: 1,600 Vac.

Mechanical Specification:
- * Durability: 1000 Cycles.
- * Wire conductor: 14AWG~12AWG(2.0mm^2~3.3mm^2).
- * Wire insulation OD: Max 4.0mm.
- * Torque Force for Clamp Ring: 6~8 kgf-cm
- * Torque Force for Seal Nut: 8~15 kgf-cm
- * Torque Force for Screw: 4~5 kgf-cm

Environmental Specification:
- * Waterproof Rating: IP67
- * Temperature Range: -40°C to 105°C.
- * Salt Spray: Mated, 500 Hours.







ALTW
CONFIDENTIAL
2018-12-22
R&D DEPT.

UNIT: mm

TOLERANCE
±0.5 mm

TITLE: POWER Field Installable Cable Screw-in Type M Conn M Pin			
SCALE 8:5	SIZE A4	SHEET 1 OF 2	
REV. B	WC-REV. A.3	QC: Inspection item	

Amphenol LTW
安費諾亮泰企業股份有限公司

ITEM NO	DRAWN BY: Mafei	DATE: 2018-12-22
DWG NO: PWC-XXBMMB-LL7XPP	CHECKED BY: Jerry	DATE: 2018-12-22
CUSTOMER: ALTW	APPROVED BY: Max	DATE: 2018-12-22

FMW10702-01-02A1

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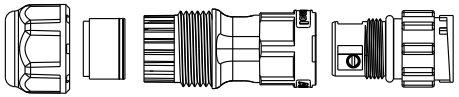
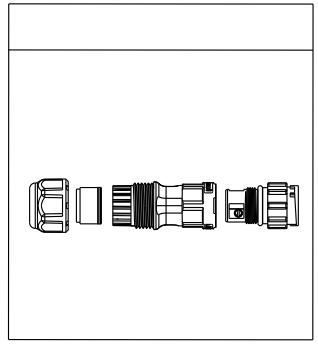


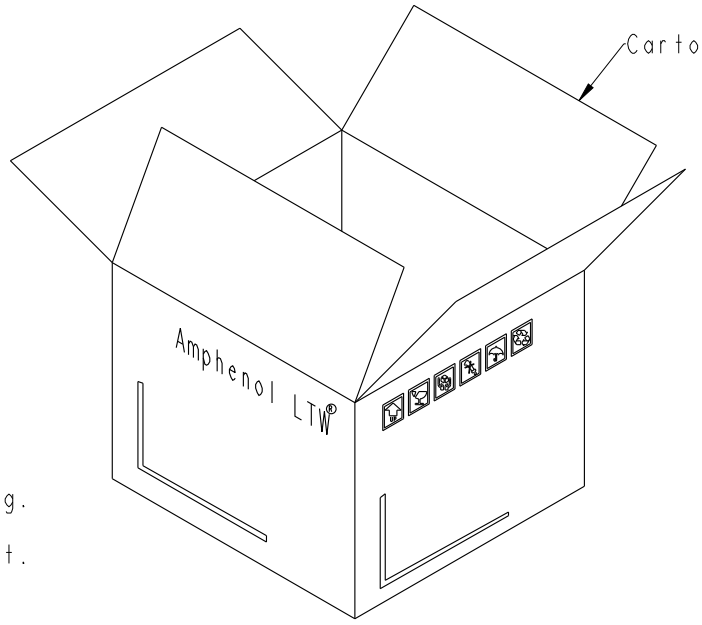
QTY: 1 Pcs

PE Bag



QTY: XX Pcs

Carton

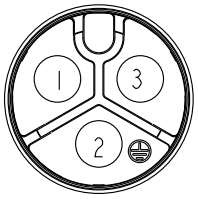


Ordering Information:

PWC-XXBMMB-LL7XPP

Number of Contacts
02
03

S: With Red Color Seal 1, Cable OD 6.0~8.0mm.
M: With Yellow Color Seal 2, Cable OD 8.0~10.0mm.
L: With Blue Color Seal 3, Cable OD 10.0~12.0mm.
A: With Seal 1& Seal 2 & Seal 3.



20A ; 300Vac/Vdc
3 Contacts(03)

20A ; 300Vac/Vdc
2 Contacts(02)

Note:
* One Set Unassembled In One PE Bag.
（每一組未組裝，放置於一個PE袋，並封口，如圖示）
* Label is Attached To PE Bag Front.
（標籤貼在PE袋正面）

UNIT: mm

TOLERANCE
±0.5 mm

TITLE: POWER Field Installable Cable Screw-in Type M Conn M Pin

SCALE: 8:5 | SIZE: A4 | SHEET: 2 OF 2

REV.: B | WC-REV.: A.3 | QC: Inspection item

Amphenol LTW

安費諾亮泰企業股份有限公司

ITEM NO	DRAWN BY	DATE
	Mafei	2018-12-22
DWG NO: PWC-XXBMMB-LL7XPP	CHECKED BY: Jerry	DATE: 2018-12-22
CUSTOMER: ALTW	APPROVED BY: Max	DATE: 2018-12-22

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