

	1	2	3	4	5	6	7	8
							Rev.	DESCRIPTION
F								
E								
D								
C								
B								
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
- * Wire Insulation OD:
 - 5A: 1.9mm Max.
- * Torque Force for Clamp Ring: 6~8 kgf-cm
- * Torque Force for Seal Nut: 6~8 kgf-cm

Environmental Specification:

- * Waterproof Rating: IP67(Mated)
- * Temperature Range: -40°C to 105°C.
- * Salt Spray: Mated, 1000 Hours.
- * Safety Compliance: UL 1977.

Seal Nut

Seal

Clamp Ring

Pin

O-Ring

Connector

65.0

20.0

Top View

UNIT:mm	 	TITLE Circular C-Size Field Installable Cable Type M Conn
TOLERANCE ±0.5 mm	SCALE 8:5	SIZE A4
	REV. A	SHEET 1 OF 2
	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	CUSTOMER	DRAWN BY	CHECKED BY	APPROVED BY	DATE
	ACD-XXBMXC-LL7XXX	ALTW	Peng	Mafei	Jerry	2018-12-15

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W10814-03-2001A2

Ordering Information:

ACD-XXBMXC-LL7XXX

0: For Data
P: For Power

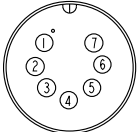
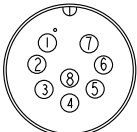
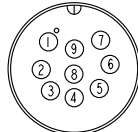
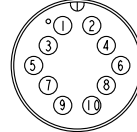
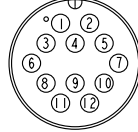
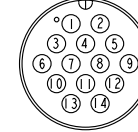
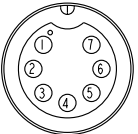
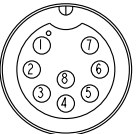
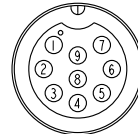
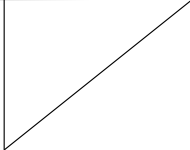
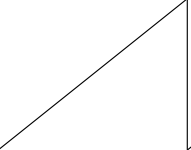
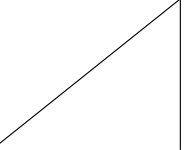
P: With Pin
N: With Out Pin

Number of Contacts

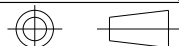
A: With Red&Yellow&Blue Color Seal
S: With Red Color Seal, Cable OD 6.0~8.0mm.
M: With Yellow Color Seal, Cable OD 8.0~10.0mm.
L: With Blue Color Seal, Cable OD 10.0~12.0mm.

Contacts Gendor

M: Male Pin
F: Female Pin

Pin Assignments Front View	5A ; 7 Contacts(07)	5A ; 8 Contacts(08)	5A ; 9 Contacts(09)	5A ; 10 Contacts(10)	5A ; 12 Contacts(12)	5A ; 14 Contacts(14)
Male Pin						
Female Pin						

UNIT:mm



TITLE
Circular C-Size Field Installable
Cable Type M Conn

TOLERANCE

±0.5 mm

SCALE
8:5

SIZE
A4

SHEET
2 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

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	Peng	2018-12-15
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ACD-XXBMXC-LL7XXX	Mafei	2018-12-15
CUSTOMER	APPROVED BY	DATE
ALTW	Jerry	2018-12-15