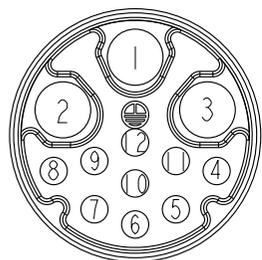
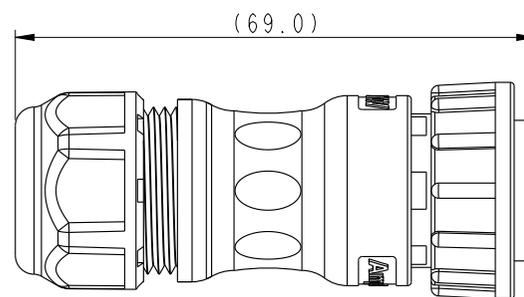
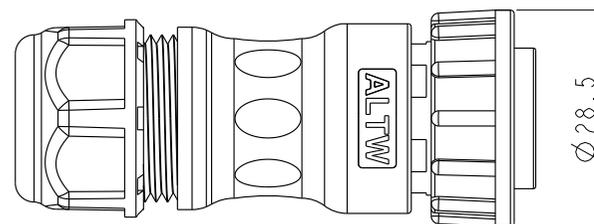
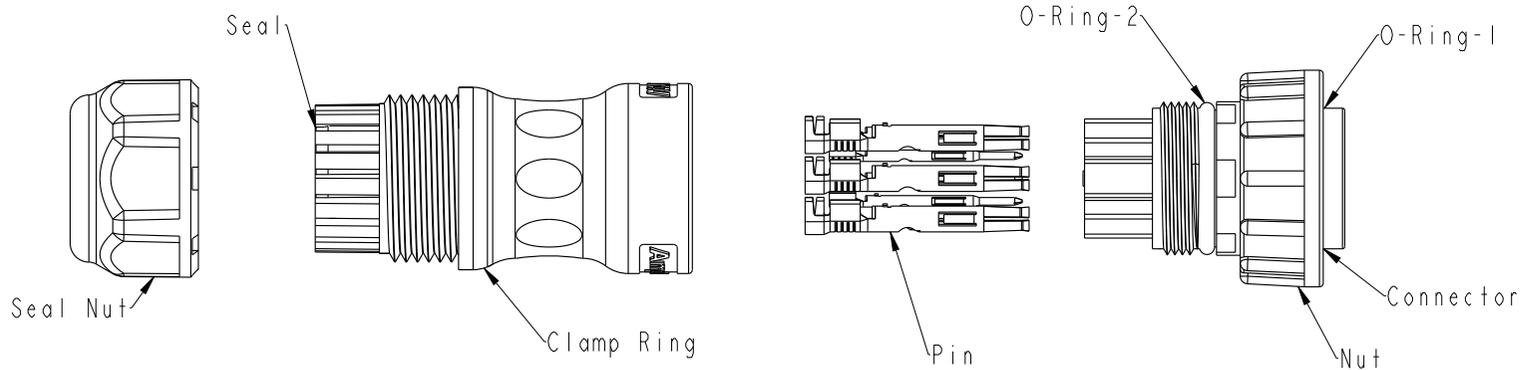
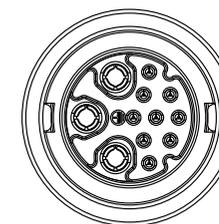


| REV. | DESCRIPTION |
|------|-------------|
|      |             |



Pin Assignments  
Front View



|                                 |   |                |                     |                                      |                              |                      |                    |
|---------------------------------|---|----------------|---------------------|--------------------------------------|------------------------------|----------------------|--------------------|
| UNIT:mm<br>TOLERANCE<br>±0.5 mm | TITLE<br>Circular D-Size Field Installable<br>Cable Type F Conn |                |                     | <b>Amphenol LTW</b><br>安費諾亮泰企業股份有限公司 | ITEM NO                      | DRAWN BY<br>Peng     | DATE<br>2018-12-15 |
|                                 | SCALE<br>8:5  | SIZE<br>A4     | SHEET<br>1 OF 2     |                                      | DWG NO<br>ADCD-12BFDC-LL7XP0 | CHECKED BY<br>Mafei  | DATE<br>2018-12-15 |
|                                 | REV.<br>A   | WC-REV.<br>A.3 | QC: Inspection item |                                      | CUSTOMER<br>ALTW             | APPROVED BY<br>Jerry | DATE<br>2018-12-15 |

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Ordering Information:

ADCD-12BFDC-LL7XP0

Material Specification:

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

- A: With Red&Yellow&Blue Color Seal
- S: With Red Color Seal, Cable OD 8.0~10.0mm.
- M: With Yellow Color Seal, Cable OD 10.0~12.0mm.
- L: With Blue Color Seal, Cable OD 12.0~14.0mm.

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
  - 20A: 14AWG~12AWG
- \* Wire Insulation OD:
  - 5A: 1.9mm Max.
  - 20A: 4.3mm 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.

|                      |  |
|----------------------|--|
| UNIT:mm              |  |
| TOLERANCE<br>±0.5 mm |  |

|  |                |                     |  |
|--|----------------|---------------------|--|
| TITLE<br>Circular D-Size Field Installable Cable Type F Conn |                |                     |  |
| SCALE<br>8:5   | SIZE<br>A4     | SHEET<br>2 OF 2     |  |
| REV.<br>A  | WC-REV.<br>A.3 | QC: Inspection item |  |

**Amphenol LTW**  
安費諾亮泰企業股份有限公司

|                              |                      |                    |
|------------------------------|----------------------|--------------------|
| ITEM NO                      | DRAWN BY<br>Peng     | DATE<br>2018-12-15 |
| DWG NO<br>ADCD-12BFDC-LL7XP0 | CHECKED BY<br>Mafei  | DATE<br>2018-12-15 |
| CUSTOMER<br>ALTW             | APPROVED BY<br>Jerry | DATE<br>2018-12-15 |