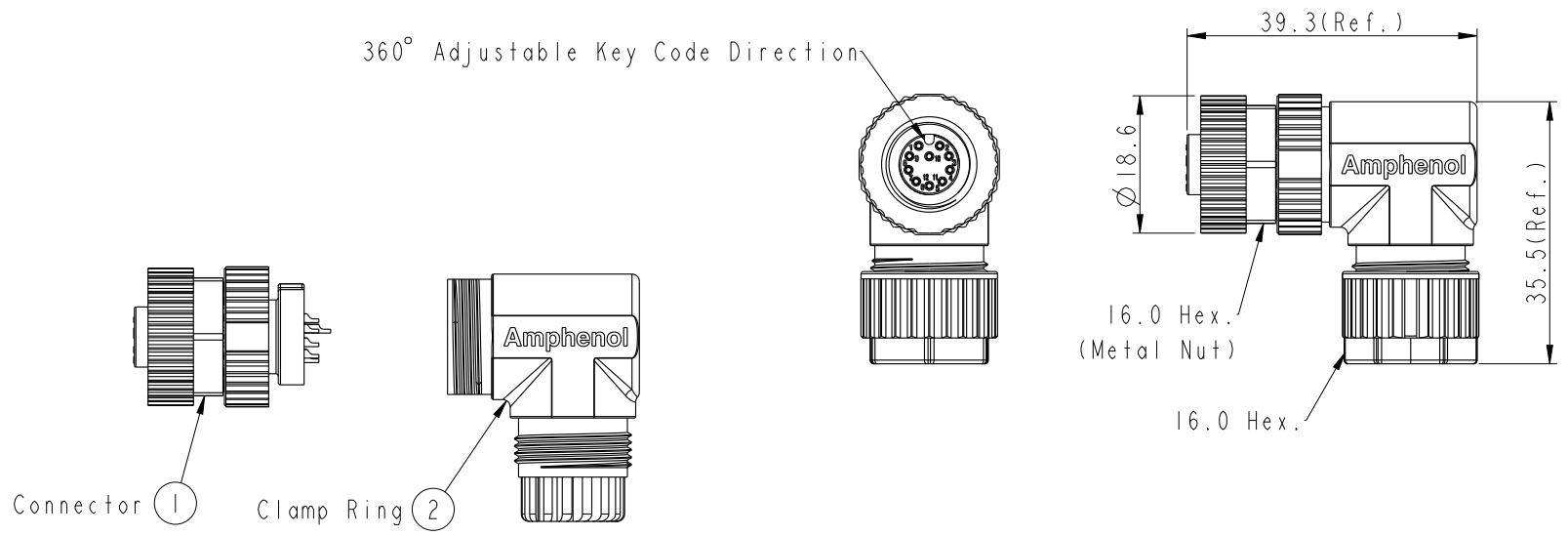


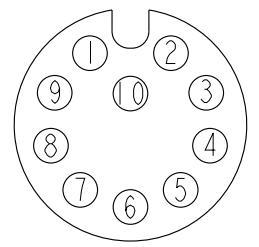
REV.	ECN NO.	DATE	SIGN	DESCRIPTION
B	LEN1670553	2016/07/22	Yulong_wang	Change the Note.

**ALTW**  
**CONFIDENTIAL**  
**2016-07-22**  
**R&D DEPT.**

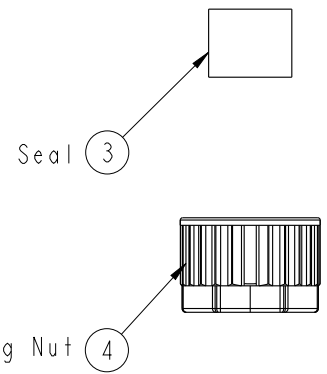
360° Adjustable Key Code Direction



**ALTW**  
**DCC. DEPT.**  
**CONFIDENTIAL**  
**2016.07.26**  
**ISSUED**



Pin Assignments  
Front View



- Note:
- \* (DD) Important Dimension To Check.
  - \* Waterproof Rate: IP67
  - \* Housing: Nylon, Black.
  - \* Female Pin: Copper Alloy, Gold Plated.
  - \* Nut: PBT+PC, Black.
  - \* Female Nut: Zinc Alloy, Nickel Plated.
  - \* O-Ring: Silicone, Grey.
  - \* Clamp Ring: Nylon, Black.
  - \* Sealing Nut: PBT+PC, Black.
  - \* Seal: Silicone, Grey.
  - \* Seal For Cable OD:  $\varnothing 4.0\text{mm} \sim \varnothing 7.0\text{mm}$ .
  - \* Applicable Wire gauge (Stranded wire cross section) 26AWG~24AWG
  - \* Mating Recommended tightening torque:  
3~4 kgf.cm / 0.29~0.39 N.m
  - \* Sealing-Nut Recommended tightening torque:  
4~6 kgf.cm / 0.39~0.59 N.m
  - \* Detailed applicable wire specifications may vary depending on the actual wire construction.

UNIT:mm		
TOLERANCE		
.X	$\pm 0.25$	
.XX	$\pm 0.1$	
.XXX	$\pm 0.05$	
ANGLES	$\pm 1^\circ$	

TITLE M12 Unshielded Assy 90° 10Pin F Conn. F Pin			
SCALE 1:1	SIZE A4	SHEET 1 OF 1	
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. M12A-10BFFA-SR7001	DRAWN BY Yulong_wang	DATE 2016-07-22
DWG NO. M12A-10BFFA-SR7001	CHECKED BY Jinhai	DATE 2016-07-22
CUSTOMER ALTW	APPROVED BY Jerry	DATE 2016-07-22

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