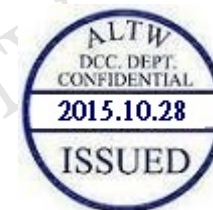
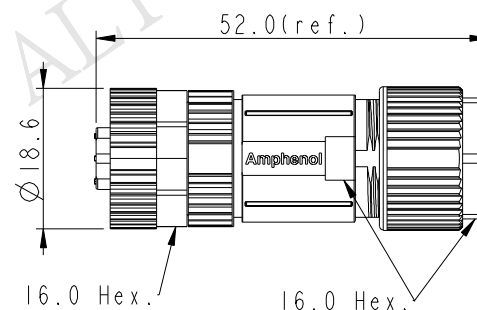
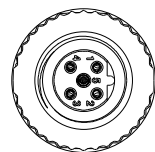


Diagram illustrating the components of the connector assembly, numbered 1 through 11:

- 1 Connector
- 2 Spring
- 3 Female Nut
- 4 Nut
- 5 Spring
- 6 Clamp Ring
- 7 O-Ring
- 8 Clamp Cage
- 9 Seal
- 10 Sealing Nut
- 11 O-ring



UNIT: mm	
TOLERANCE	
$\pm 0.5\text{mm}$	

TITLE			M12 B-Code Shielded Assy 5PIN F Conn. F Pin		
SCALE		1:1	SIZE		A4
SHEET		1	OF		2
REV.		A	WC-REV.		A.2
					QC: Inspection item

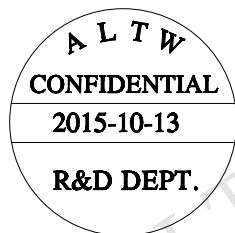
Amphenol LTW
安費諾亮泰企業股份有限公司

ITEM NO MSBS-05BFFB-SL7001	DRAWN BY Mila	DATE 2015-10-13
DWG NO MSBS-05BFFB-SL7001	CHECKED BY Cary	DATE 2015-10-13
CUSTOMER ALTW	APPROVED BY Jerry	DATE 2015-10-13

- B: Screw in Type (組裝式)

No. 001 Important Dimension To Check.

- * Waterproof Rate: IP67
- * Housing: Nylon,Black
- * Clamp Cage: Nylon,Black
- * Female Pin: Copper Alloy, Gold Plated
- * Female Nut: Zinc Alloy, Nickel Plated
- * Nut: Zinc Alloy, Nickel Plated
- * O-Ring: Silicon,Grey
- * Clamp Ring: Zinc Alloy, Nickel Plated
- * Sealing Nut: Zinc Alloy, Nickel Plated
- * Seal: Silicon,Grey
- * Seal For Cable OD: $\varnothing 4.0\text{mm} \sim \varnothing 7.5\text{mm}$
- * Screws for Wire connection recommended
tightening torque: $0.61 \sim 0.84 \text{ kgf.cm} / 0.059 \sim 0.082 \text{ N.m}$
- * Applicable Wire gauge (Stranded wire cross section)
 $0.14\text{mm}^2 (26\text{AWG}) \sim 0.82\text{mm}^2 (18\text{AWG})$
- * Mating Recommended tightening torque:
 $3 \sim 4 \text{ kgf.cm} / 0.29 \sim 0.39 \text{ N.m}$
- * Sealing-Nut Recommended tightening torque:
 $4 \sim 6 \text{ kgf.cm} / 0.39 \sim 0.59 \text{ N.m}$
- * Detailed applicable wire specifications may vary
depending on the actual wire construction.



UNIT:mm				TITLE M12 B-Code Shielded Assy 5PIN F Conn. F Pin			Amphenol LTW 安費諾亮泰企業股份有限公司			ITEM NO MSBS-05BFFB-SL7001		DRAWN BY Mila		DATE 2015-10-13		
TOLERANCE ±0.5mm		SCALE 1:1								SIZE A4		SHEET 2 OF 2		DWG NO MSBS-05BFFB-SL7001		CHECKED BY Cary
REV. A		WC-REV. A.2		QC: Inspection item		CUSTOMER ALTW				APPROVED BY Jerry		DATE 2015-10-13				

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