

		2	3	4	5	6	7	8	
					REV.	ECN NO.	DATE	SIGN	DESCRIPTION
					A	Initial Release	2015/05/07	Lu Di	Change Rev.01 To Rev.A
					B	LEN1670558	2016/07/22	Yulong_wang	Change the Note.
					ALTW CONFIDENTIAL 2016-07-22 R&D DEPT. ALTW DCC. DEPT. CONFIDENTIAL 2016.07.26 ISSUED Pin Assignments Front View 16.0 Hex. (Plastic Nut) 47.0(Ref.) 16.0 Hex. Connector 1 Clamp Ring 2 Seal 3 Sealing Nut 4 Note: * ⌀Important Dimension To Check. * Waterproof Rate: IP67. * Housing: Nylon, Black. * Female Pin: Copper Alloy, Gold Plated. * Nut: PBT+PC, Black. * O-Ring: Silicone, Grey. * Clamp Ring: Nylon, Black. * Sealing Nut: PBT+PC, Black. * Seal: Silicone, Grey. * Seal For Cable OD: $\varnothing 4.0\text{mm} \sim \varnothing 8.0\text{mm}$ * 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		TITLE M12 Unshielded Assy 12Pin F Conn. F Pin			ITEM NO MSAP-12BFFA-SL7001		DRAWN BY Yulong_wang		DATE 2016-07-22
TOLERANCE .X ±0.25 .XX ±0.1 .XXX ±0.05 ANGLES ±1°		SCALE 1:1	SIZE A4	SHEET 1 OF 1	DWG NO MSAP-12BFFA-SL7001		CHECKED BY Jinhai		DATE 2016-07-22
		REV. B	WC-REV. A.5	QC: Inspection item		CUSTOMER ALTW		APPROVED BY Jerry	DATE 2016-07-22
		2	3	4	5	6	7	8 FMW10702-01-02A1	