



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

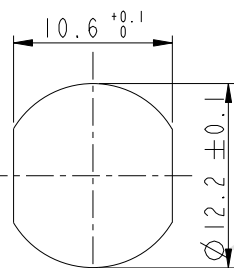
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

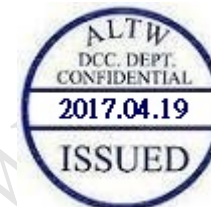
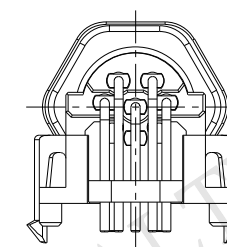
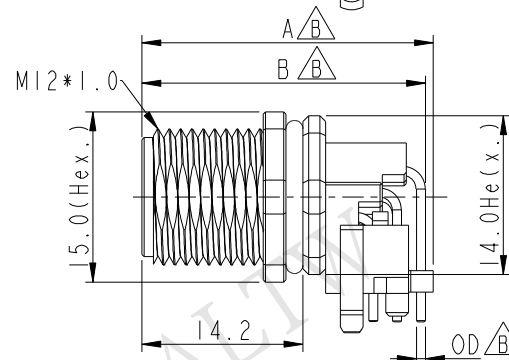
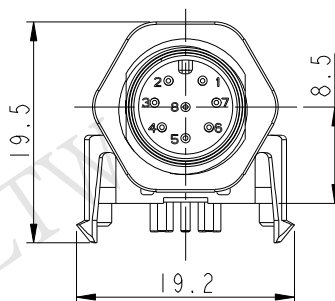
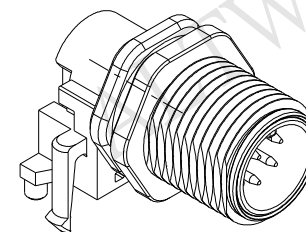
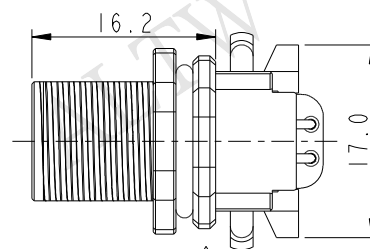
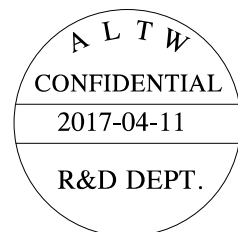
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



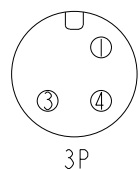
REV.	ECN NO.	DATE	SIGN	DESCRIPTION
B	LEN1741194~97	2017/04/11	Jinhai	Add The Size Table



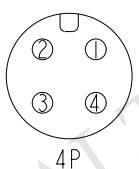
Recommended
Panel Cut-Out



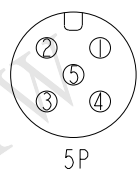
MI2A-03PMMR-SF7003	25.9	24.8	1.0
MI2A-04PMMR-SF7003	25.9	24.8	1.0
MI2A-05PMMR-SF7003	25.9	24.8	1.0
MI2A-08PMMR-SF7003	25.7	25.0	0.8
Item No.	A	B	OD



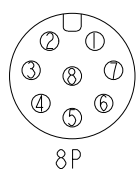
3P



4P

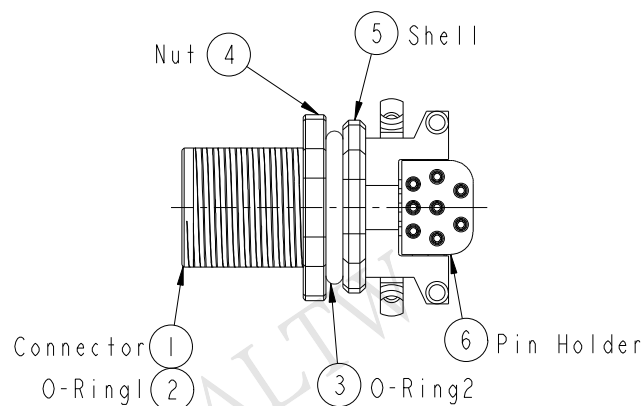


5P



8P

Pin Assignment Front View



Note:

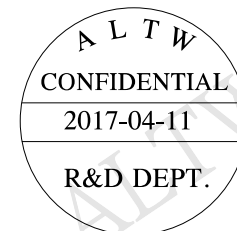
- * Important Dimension To Check.
- * Waterproof Rating: IP67(Mated Waterproof)
- * Connector: PBT+PC, Black
- * Male Pins: Copper Alloy, Gold Plated
- * Shell: Zinc Alloy, Nickel Plated
- * Nut: Zinc Alloy, Nickel Plated
- * O-Ring1: Silicone, Black
- * O-Ring2: Silicone, Gray
- * Pin Holder: PBT+PC, Black
- * Rated Voltage: 3 & 4Pin 250V dc. or ac.
5Pin 60V dc. or ac.
8Pin 30V dc. or ac.
- * Rated Current: 3~5Pin 4A
8Pin 2A
- * For Panel Thickness Max. 3.0mm
- * For PCB Thickness Max. 1.5mm

UNIT:mm			TITLE		
			M12, 90° Panel M Conn. M Pin		
TOLERANCE			SCALE	SIZE	SHEET
.X ±0.25			3:2	A4	1 OF 2
.XX ±0.1					
.XXX ±0.05			REV.	WC-REV.	
ANGLES ±1°			B	A.3	QC: Inspection item

Amphenol LTW
安費諾亮泰企業股份有限公司

ITEM NO	DRAWN BY	DATE
DWG NO	Jinhai	2017-04-11
M12A-XXPMMR-SF7003	CHECKED BY	DATE
CUSTOMER	Feng-li	2017-04-11
ALTW	APPROVED BY	DATE
	Jerry	2017-04-11

THIS DOCUMENT IS SUBJECT TO CHANGE WITHOUT NOTICE. IT IS CONFIDENTIAL AND A PROPERTY OF Amphenol LTW. DISCLOSURE TO THIRD PARTY HAS TO BE AUTHORIZED BY Amphenol LTW.



M 12A - XX P M M R - S F 7 003

12A: A-Code

003: M12*1.0

03: 3Pin
04: 4Pin
05: 5Pin
08: 8Pin

P: Panel (板端)

M: Male Connector (公座)

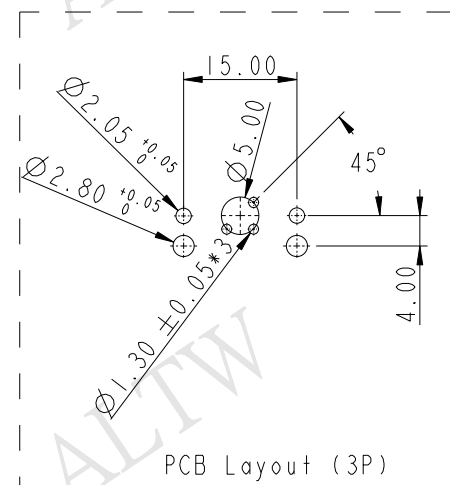
7: IP67 (防水等級67)

F: Front Fasten (前鎖式/Enclosure Rear Mount)

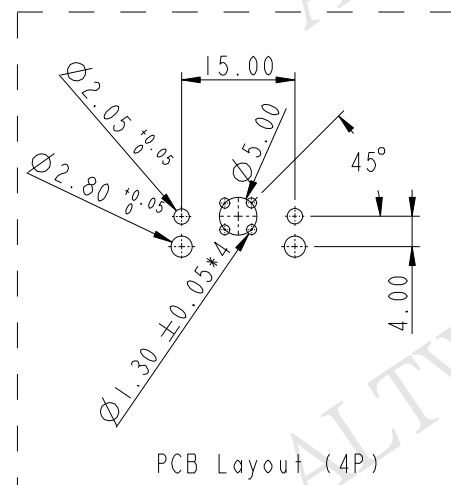
S: Screw (螺紋式)

R: 90° PCB THT/DIP Type (90° 基板插件式)

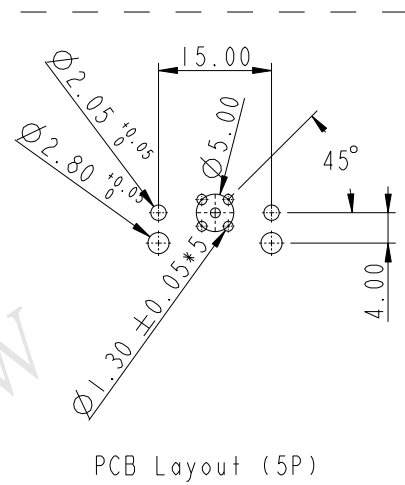
M: Male Pin (公Pin)



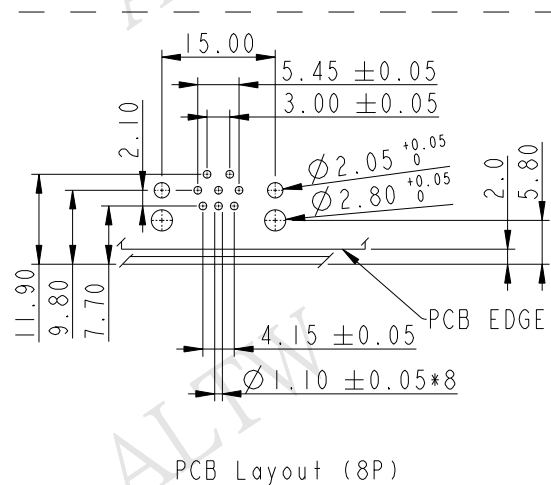
PCB Layout (3P)



PCB Layout (4P)



PCB Layout (5P)



PCB Layout (8P)

UNIT: mm		TITLE		ITEM NO		DRAWN BY		DATE	
		M12, 90° Panel M Conn. M Pin		Amphenol LTW		Yulong_wang		2017-04-11	
TOLERANCE		SCALE	SIZE	SHEET	DWG NO	CHECKED BY		DATE	
.X ±0.25		3:2	A4	2 OF 2	M12A-XXPMMR-SF7003	Jinhai		2017-04-11	
.XX ±0.1		REV.	WC-REV.		CUSTOMER	APPROVED BY		DATE	
.XXX ±0.05		B	A.3		ALTW	Jerry		2017-04-11	
ANGLES ±1°		QC: Inspection item							

安費諾亮泰企業股份有限公司