



Mark	ECN NO.	DESCRIPTION	DESIGN	Date:
		INITIAL RELEASE	Carlyle Xu	2015.11.11
A3	EN20170303001	UPDATE DRAWING	David Zhou	2017.03.03
A4	EN20170721003	Modify the part structure	David Zhou	2017.07.21
A5	EN20170926001	Modify the part structure	David Zhou	2017.09.26

Note:

- \*Mechanical  
Insertion Force: 45N Max.  
Withdrawal Force: 10N Min.  
Durability: 50 cycles
- \*Electrical Specification  
Current Rating: 1.5 Ampere per contact  
Contact Resistance: 30mΩ Max.  
Insulation Resistance: 1000MΩ Min.  
Dielectric Withstanding Voltage: 500V AC
- \*Environmental  
Operating Temperature: -55°C to +85°C
- \*Recommend Process:  
Wave solder 260°C, 3~5 Seconds.  
IR Reflow, Peak Temp (230~245) °C, 20~40Seconds.

NO.	CODE	MATERIAL	COLOR	REMARK
4	L1	PA9T+30%GF UL94V-0	Choose P/N	RoHS2 Fit & HF(Wave solder)
3	L0	PA9T+30%GF UL94V-0	Choose P/N	RoHS2 Fit(Wave solder)
2	D6	PA66+30%GF UL94V-0	Choose P/N	RoHS2 Fit & HF(Wave solder)
1	D0	PA66+30%GF UL94V-0	Choose P/N	RoHS2 Fit(Wave solder)

TABLE A : Plastical Material

P/N SA1015W-XXXX-07XXXXX

Model P/N \_\_\_\_\_

Plastical Material \_\_\_\_\_  
(Choose From Table A)

Housing Color \_\_\_\_\_  
01:Black  
63:Blue 300C  
02:White  
65:Blue 293C

PIN Number \_\_\_\_\_  
07: 7PIN

Plating \_\_\_\_\_  
A1:CONTACT AREA:G/F ,SOLDER AREA:MATTE TIN100U"  
A3:CONTACT AREA:3u" ,SOLDER AREA:MATTE TIN100U"  
A5:Contact area:15u" ,Solder area:Matte tin100u" , Ni 90u"Plating Overall;

packing \_\_\_\_\_  
B:Tray(Without CAP)  
R:Reel(Without CAP)  
M:Reel+CAP

Type \_\_\_\_\_  
H0:Horizontal;  
V0:Vertical;

TABLE B : LOGO&DATE CODE

LY YYMMDD

LY: LOGO  
YY: YEAR (09: 2009)  
MMDD: (0918, SEPTEMBER 18)

NO.	DESCRIPTION	QTY	PARTS MATERIAL	PLATING OR COLOR	REMARK
3	BOARD LOCK	2	SPCC T=0.35mm	Sn(100u" Min.) plating over Ni(40u" Min.)	
2	CONTACT	7	BRASS T=0.20mm	Choose from P/N Plating code	
1	HOUSING	1	Choose from P/N Material code	Choose from P/N Color code	

Tolerance	MODEL NAME: SATA3 7P 180°DIP TYPE	DRAWING: Carlyle xu	
X.X ±0.30	MODEL No: SA1015W-XXXX-07XXV0X	CHECKED: David zhou	
X.XX ±0.20	SCALE: 1:1	REVISION	SHEET
X.XXX ±0.10		A5	1/1
Angle ±3.0°	APPROVED: Jacky Lee		DATE: 2015.11.11
UNIT:mm	FILE: F/LINGYANG		DWG NO. SA1015W-A001
菱揚精密有限公司 Ling Yang Precision Co.,Ltd			