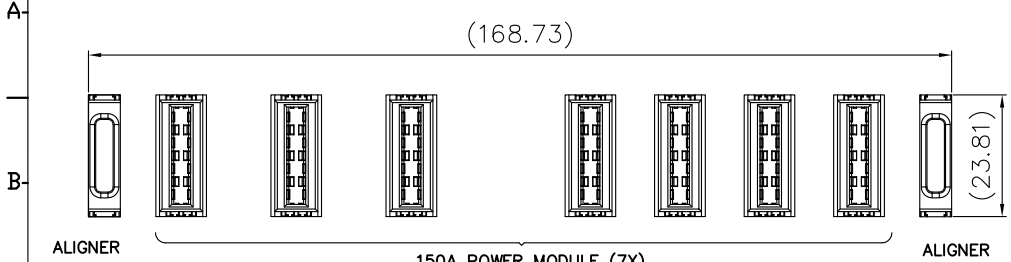
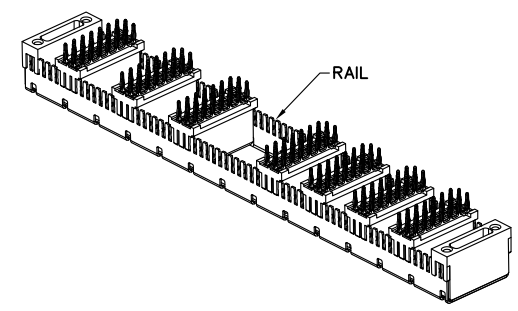


REV.	SPECIFICATION	ECN NO.	APPD.
X3			



150A POWER MODULE (7X)
AFTER PRESS IN TO PCB
AND RAIL REMOVAL



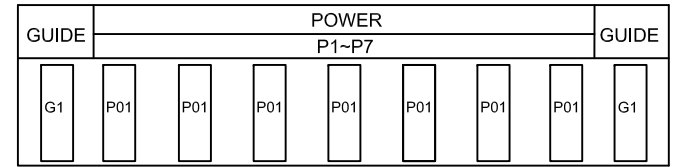
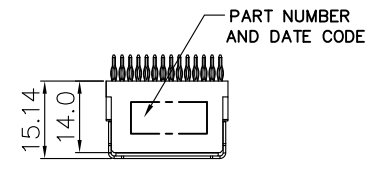
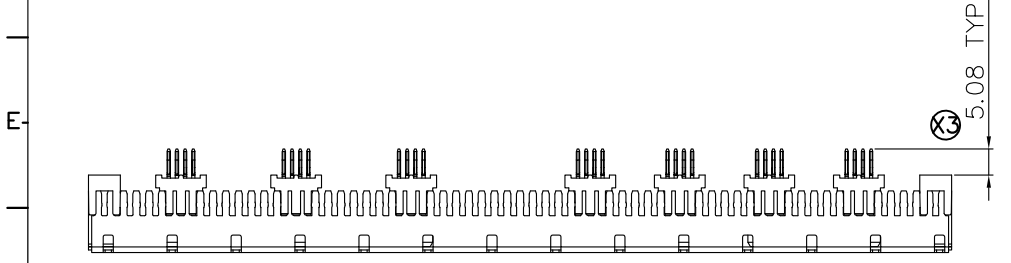
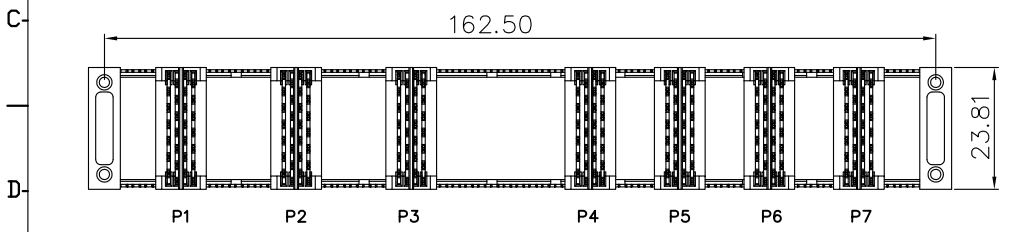
Material and Plating:

Housing: LCP, UL94V-0, BLACK.
Power Contacts: High Conductivity Copper.
Plating: See Table 1.
Guide Pin : Zinc Alloy.
Plating: See Table 1.
Shell : SUS 304.

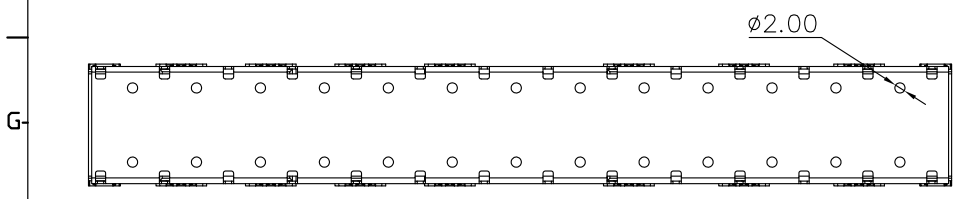
Electrical Characteristics:

Current Rating: See Table 1.
Dielectric Withstanding Voltage:
Power Pin AC 1500V For 1 minute.
Insulator Resistance: Power Pin 5000MΩ min. at DC 500V.
Contact Resistance: Power Pin 0.50mΩ max
Operating Temperature: -40°C ~+105°C.

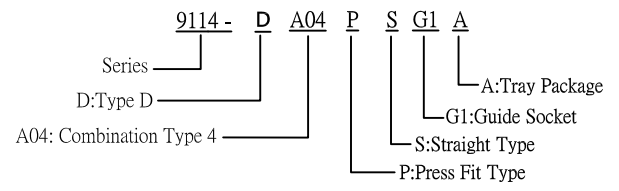
***RoHS Compliant**



PILOT HOLES FOR
MODULE MOUNTING RAIL
REMOVAL TOOL NOTE
SEE NOTE ①



BEFORE RAIL REMOVAL
(AS DELIVERED)



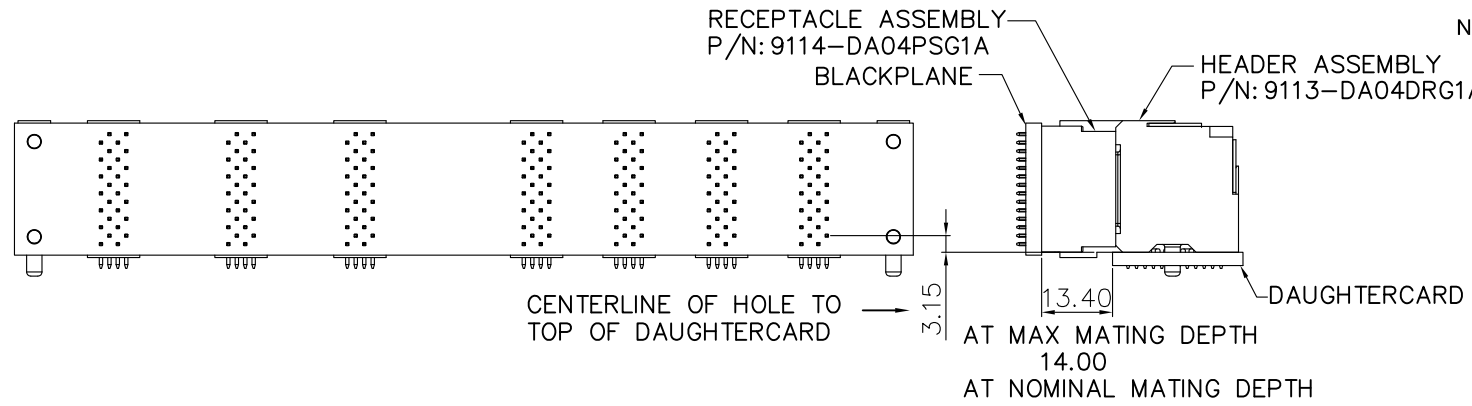
PROPOSAL ONLY

Tolerances	Dwg. No.	9114-D0000-038	
x = ±0.5	Projection	⊕ ⊖	
.x = ±0.25	Unit	mm	Scale 1:1
.xx = ±0.15	Drawn By	SYB 03/12'19	

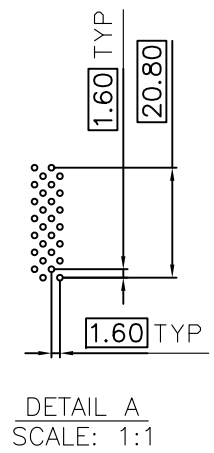
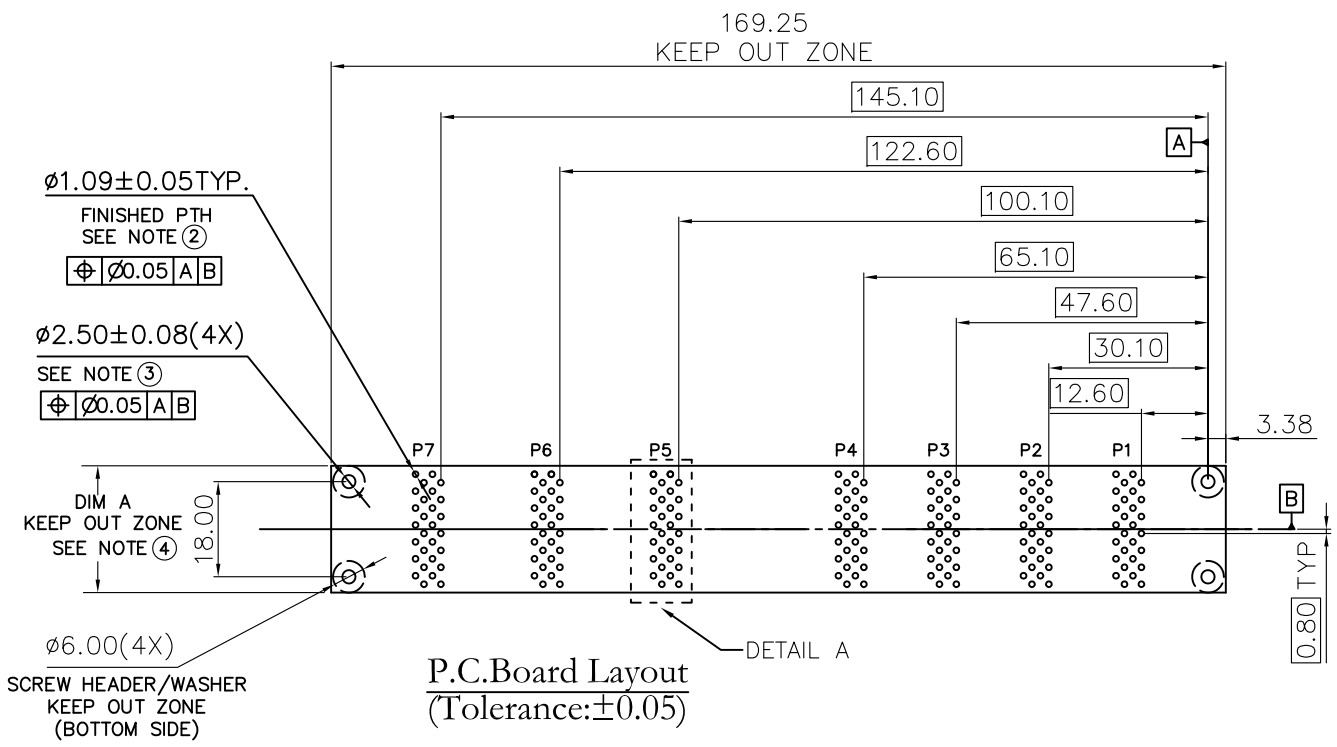
Title:
9114 Series
Female Power 150AMP
Connector

OUPIN			
OUPIN ELECTRONIC(KUNSHAN) CO., LTD.			
P/N: 9114-DA04PSG1A			
SHEET	1/3	Ver. No.	X3

REV.	SPECIFICATION	ECN NO.	APPD.
X3			



- Note:
- ①. Module mounting rail to be removed after pressing the assembly into the PC Board with tool.
 - ②. Plated thru hole (PTH) dimensions:
 $\phi 1.09 \pm 0.05$ Finished PTH (TYP)
 $\phi 1.200 \pm 0.013$ Drill
0.025 Min Copper Plate thickness
 - ③. Aligner module screws delivered with connector assembly (2 per assy).
 - ④. Keep out zone dimension "A":
25.0 on PCB surface.
26.0 at 3.5 above PCB surface.
46.0 at 9.0 above PCB surface.



P.C.Board Layout
(Tolerance: ± 0.05)

PROPOSAL ONLY

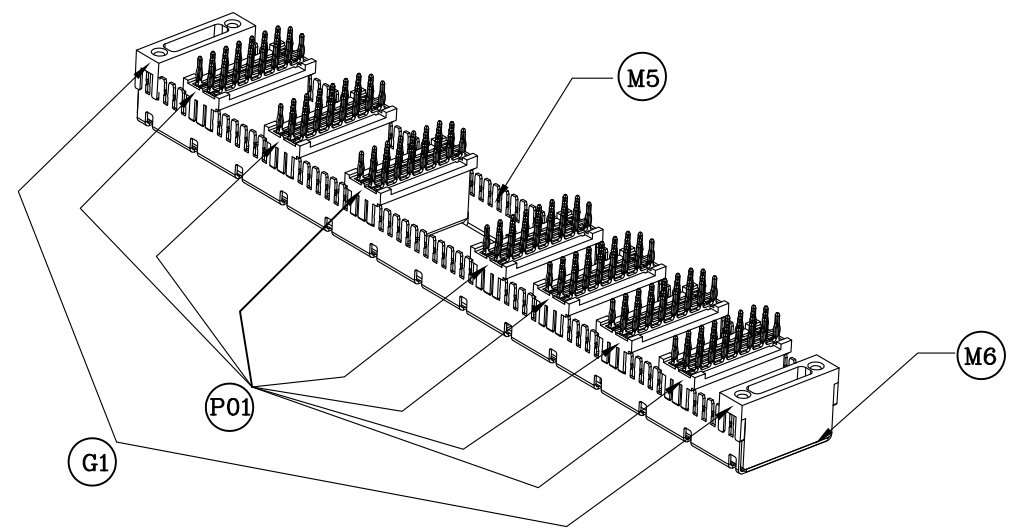
Tolerances	Dwg. No.	9114-D0000-038		Title:	
x = ± 0.5	Projection	\oplus \triangleleft		9114 Series Female Power 150AMP Connector	
.x = ± 0.25	Unit	mm	Scale		1:1
.xx = ± 0.15	Drawn By	SYB 03/12'19			

OUPIN			
OUPIN ELECTRONIC(KUNSHAN) CO., LTD.			
P/N: 9114-DA04PSG1A			
SHEET	2/3	Ver. No.	X3



REV.	SPECIFICATION	ECN NO.	APPD.
X3			

TABLE 1

9114-DA04PSG1A				
Serial Number	P/N	Current Rating	Plating	Type A04 (Q'TY)
G1(Guide)	9114-DGR	NA	White zinc plating	2
P01(Power)	9114-D14CB30PNSA	150 A/PCS	30u"Au+Pd/Ni on Contact Area and 80u" Min Tin Plated on Solder Tail over Nickel 50u" Min .	7
M5(Shell)	9114-PIN-M5	NA	NA	1
M6(Shell)	9114-PIN-M6	NA	NA	1



PROPOSAL ONLY

Tolerances	Dwg.No.	9114-D0000-038		Title:		 DUPIIN ELECTRONIC(KUNSHAN) CO., LTD. P/N: 9114-DA04PSG1A				
X=±0.50	Projection			9114 Series						
.X=±0.25	Unit	mm	Scale	1:1	Female Power 150AMP		SHEET	3/3	Ver.No.	X3
.XX=±0.15	Drawn By	SYB 03/12/19		Connector						