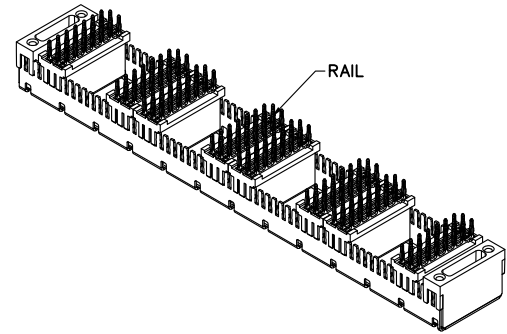


|      |               |         |       |
|------|---------------|---------|-------|
| REV. | SPECIFICATION | ECN NO. | APPD. |
| X2   |               |         |       |



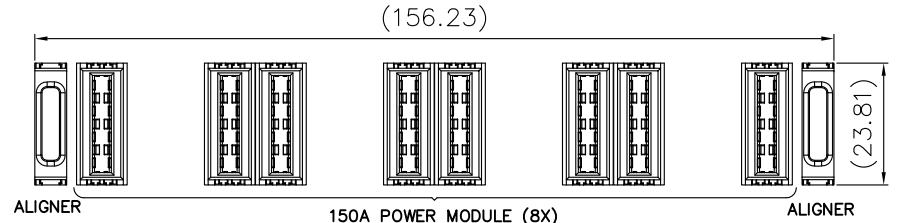
**Material and Plating:**

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

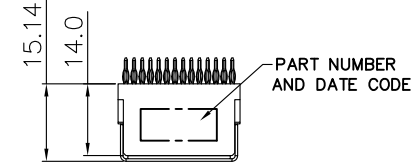
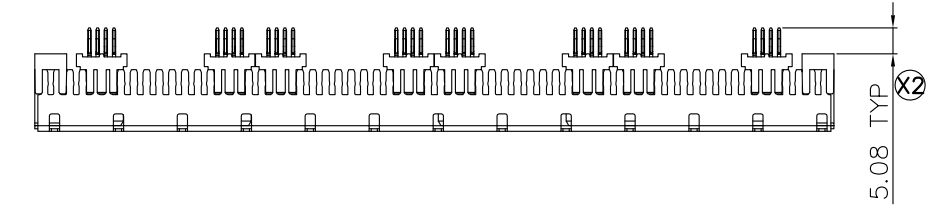
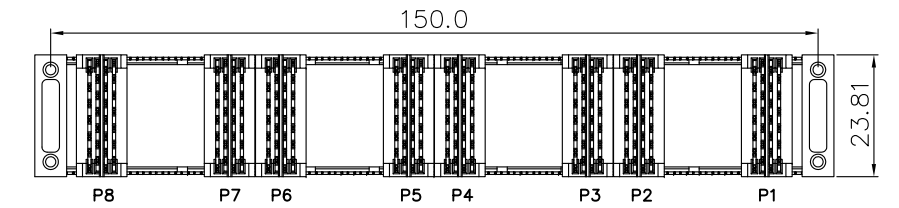
**Electrical Characteristics:**

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**

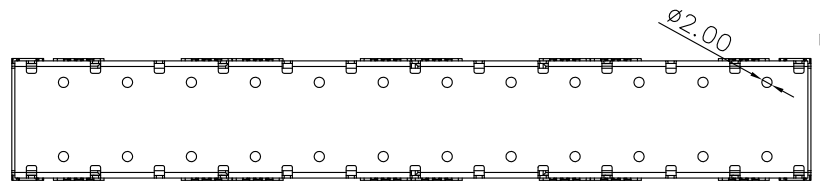


150A POWER MODULE (8X)  
 AFTER PRESS INTO PCB  
 AND RAIL REMOVAL



|       |                |     |     |     |     |     |     |     |       |
|-------|----------------|-----|-----|-----|-----|-----|-----|-----|-------|
| GUIDE | POWER<br>P1~P8 |     |     |     |     |     |     |     | GUIDE |
| G1    | P01            | P01 | P01 | P01 | P01 | P01 | P01 | P01 | G1    |

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



BEFORE RAIL REMOVAL  
 (AS DELIVERED)

9114 - D A02 P S G1 A  
 Series — D: Type D — A02: Combination Type 2 — P: Press Fit Type — S: Straight Type — G1: Guide Socket — A: Tray Package

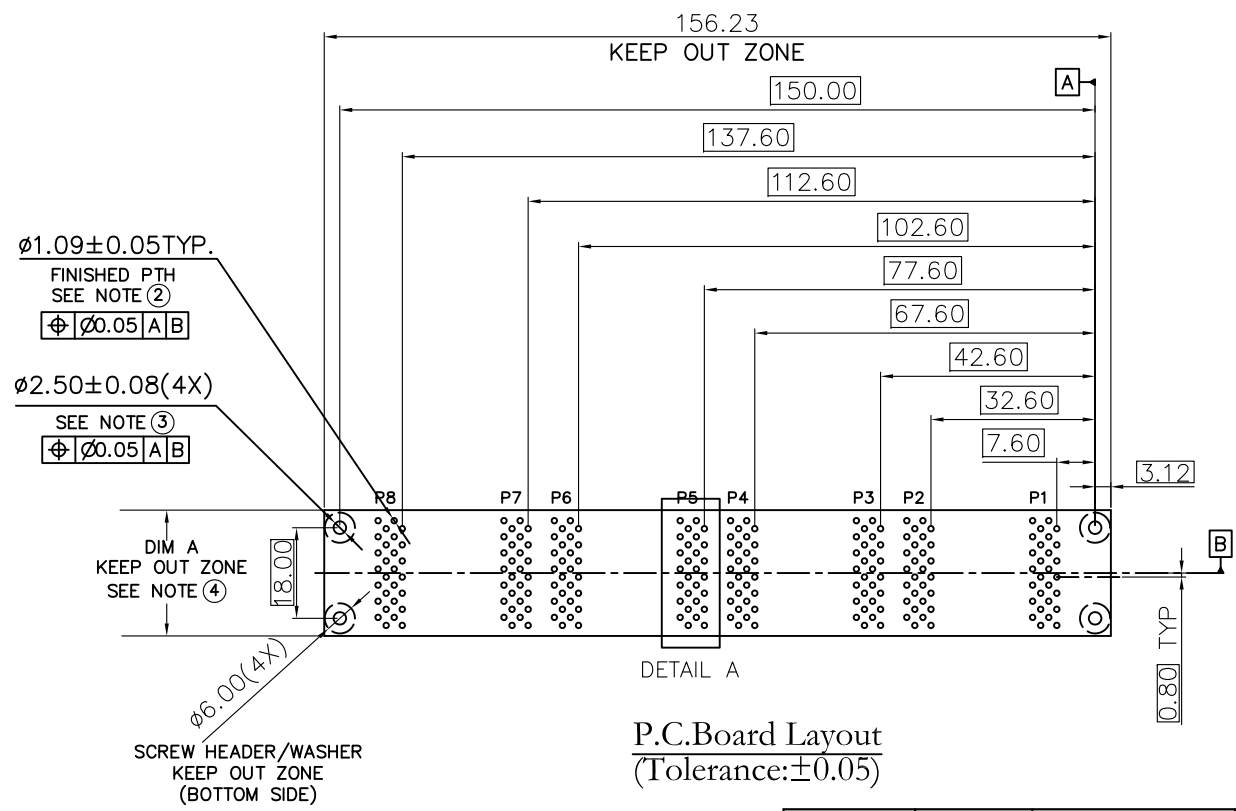
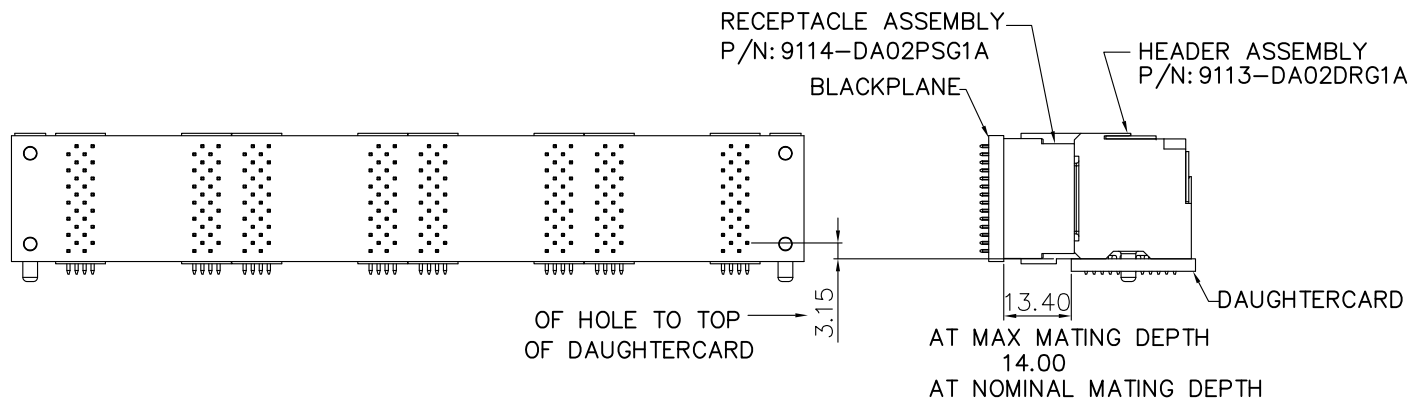
PROPOSAL ONLY

|             |            |                |             |     |  |  |       |     |          |    |
|-------------|------------|----------------|-------------|-----|--|--|-------|-----|----------|----|
| Tolerances  | Dwg. No.   | 9114-D0000-029 | Title:      |     | <br><b>OUPIN ELECTRONIC(KUNSHAN) CO., LTD.</b><br><b>P/N: 9114-DA02PSG1A</b> |  |       |     |          |    |
| x = ±0.5    | Projection |                | 9114 Series |     |  |  |       |     |          |    |
| .x = ±0.25  | Unit       | mm             | Scale       | 1:1 | Female Power 150AMP  |  | SHEET | 1/3 | Ver. No. | X2 |
| .xx = ±0.15 | Drawn By   | SYB 03/15'19   |             |     | Connector  |  |       |     |          |    |

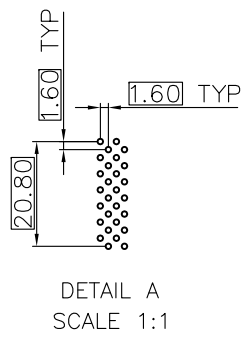
|      |               |         |       |
|------|---------------|---------|-------|
| REV. | SPECIFICATION | ECN NO. | APPD. |
| X2   |               |         |       |

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:  $\pm 0.05$ )



PROPOSAL ONLY

|                  |            |                   |       |   |  |     |
|------------------|------------|-------------------|-------|---|--|-----|
| Tolerances       | Dwg. No.   | 9114-D0000-029    |       | Title:  |  |     |
| x = $\pm 0.5$    | Projection | $\oplus$ $\nabla$ |       | 9114 Series<br>Female Power 150AMP<br>Connector |  |     |
| .x = $\pm 0.25$  | Unit       | mm                | Scale |   |  | 1:1 |
| .xx = $\pm 0.15$ | Drawn By   | SYB 03/15'19      |       |   |  |     |

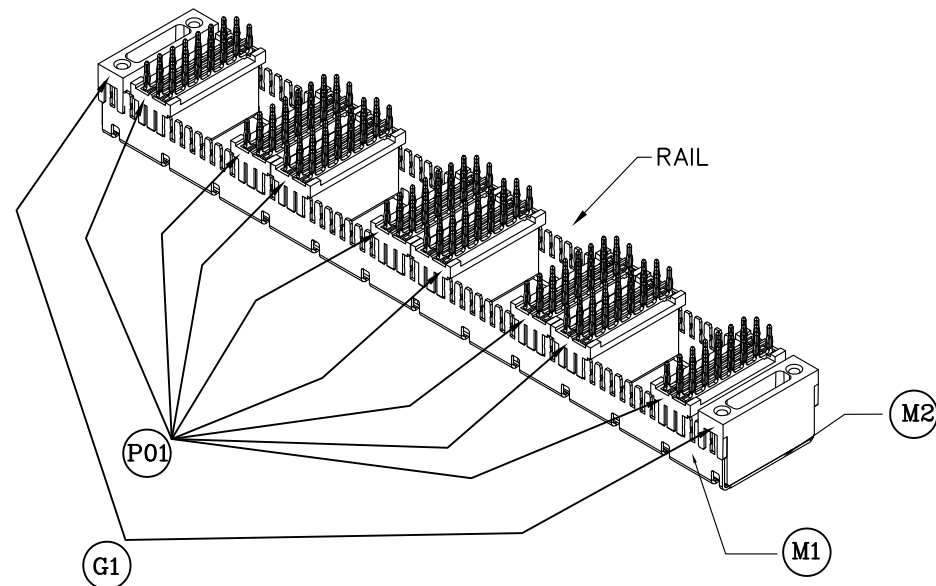
|                                     |     |          |    |
|-------------------------------------|-----|----------|----|
| <b>OUPIN</b>                        |     |          |    |
| OUPIN ELECTRONIC(KUNSHAN) CO., LTD. |     |          |    |
| P/N: 9114-DA02PSG1A                 |     |          |    |
| SHEET                               | 2/3 | Ver. No. | X2 |

|      |               |         |       |
|------|---------------|---------|-------|
| REV. | SPECIFICATION | ECN NO. | APPD. |
| X2   |               |         |       |

TABLE 1

9114-DA02PSG1A

| Serial Number | P/N              | Current Rating | Plating  | Type A02 (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 . | 8               |
| M1(Sheet)     | 9114-PIN-M1      | NA             | NA   | 1               |
| M2(Sheet)     | 9114-PIN-M2      | NA             | NA   | 1               |



PROPOSAL ONLY

|            |            |                |       |   |     |
|------------|------------|----------------|-------|---|-----|
| Tolerances | Dwg.No.    | 9114-D0000-029 |       | Title:  |     |
| X=±0.50    | Projection | ⊕ ↗            |       | 9114 Series<br>Female Power 150AMP<br>Connector |     |
| .X=±0.25   | Unit       | mm             | Scale |   | 1:1 |
| .XX=±0.15  | Drawn By   | SYB 03/15/19   |       |   |     |

9114 Series  
Female Power 150AMP  
Connector

|                                      |     |         |    |
|--------------------------------------|-----|---------|----|
| <b>DUPIIN</b>                        |     |         |    |
| DUPIIN ELECTRONIC(KUNSHAN) CO., LTD. |     |         |    |
| P/N: 9114-DA02PSG1A                  |     |         |    |
| SHEET                                | 3/3 | Ver.No. | X2 |