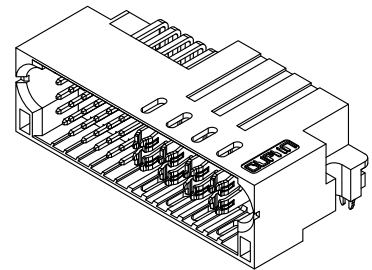
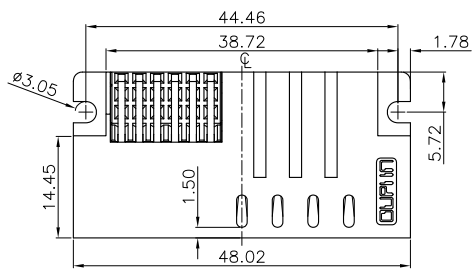


|      |               |           |       |
|------|---------------|-----------|-------|
| REV. | SPECIFICATION | ECN NO.   | APPD. |
| R4   |               | ECN220744 |       |



**Material and Plating:**

**Housing:** LCP, UL94V-0 .  
**Power Contacts:** High Conductivity Copper.  
 30u"Au+Pd/Ni on Contact Area and 80u" Min Tin Plated on Solder Tail over nickel 50u" Min .  
**Signal Contacts :** Brass  
 30u"Au+Pd/Ni on Contact Area and 80u" Min Tin Plated on Solder Tail over nickel 50u" Min .  
**Lock:** Phosphor Bronze.

**Electrical Characteristics:**

**Current Rating:** Signal Pin: 2.5 A.  
 Power Pin: 90A Single Port (UL) (2oz x 6).  
**Dielectric Withstanding Voltage:**  
 Signal Pin DC 1000V For 1 minute.  
 Power Pin DC 2500V For 1 minute.

**Insulator Resistance:** Signal Pin 500MΩ max.  
 Power Pin 1000MΩ max.

**Contact Resistance:** Signal Pin 20mΩ max.  
 Power Pin 0.7mΩ max.

**Operating Temperature:** -40°C ~+125°C .

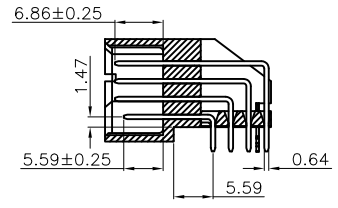
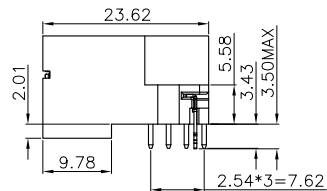
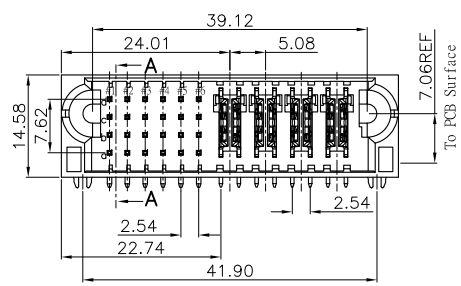
**\*RoHS Compliant**

Notes 1 :

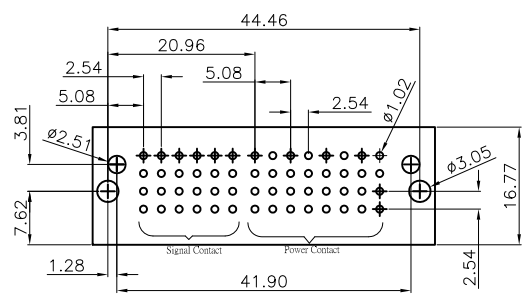
- H: High density Power---PCB Mount 5.08mm Pitch
- P: DC Power---PCB Mount 6.35mm Pitch
- A: AC Power---PCB Mount 7.62mm Pitch
- S: Signal---PCB Mount 2.54mm Pitch

Notes 2 :

- A1 Contact Length is 5.59mm.
- Other Pin Contact Length is 6.86mm.
- Applicable M3 screws add pad.
- Tightening Torque: 0.6 N · m Max.



Section: A-A  
Scale:1:1



P.C.Board Layout  
(Tolerance:±0.05)

9303- 1 S24 H04 CB 30 D L A -A009 Internal Code  
 1:Male Right-angle  
 Blank: Without Contact  
 Signal Contact: S xx  
 No. of position  
 Blank:Without Contact  
 Power Contact: Hxx, Pxx , Axx  
 No. of position  
 CB: Dip Tin Plated Contact Au+Pd/Ni Plated  
 D: Dip Type  
 L: With Lock  
 A: Tray Package  
 30: 30 u"

| ROWS | SIGNAL |   |   |   |   | POWER |    |    |    |
|------|--------|---|---|---|---|-------|----|----|----|
|      | 1      | 2 | 3 | 4 | 5 | P1    | P2 | P3 | P4 |
| D    | G      | G | G | G | G | MS    | MS | MS | MS |
| C    | G      | G | G | G | G | MS    | MS | MS | MS |
| B    | G      | G | G | G | G | MS    | MS | MS | MS |
| A    | E      | G | G | G | G | MS    | MS | MS | MS |

|                                  |    |
|----------------------------------|----|
| SIGNAL PIN CONTACT LENGTH 4.32mm | H  |
| SIGNAL PIN CONTACT LENGTH 5.59mm | E  |
| SIGNAL PIN CONTACT LENGTH 7.05mm | F  |
| SIGNAL PIN CONTACT LENGTH 6.86mm | G  |
| HOT PLUG POWER CONTACT.STD       | MS |

|             |            |                |                           |             |
|-------------|------------|----------------|---------------------------|-------------|
| Tolerances  | Dwg. No.   | 9303-D0000-048 | Title:                    | 9303 Series |
| x = ±0.5    | Projection |                | Male Right-angle Dip Type |             |
| .x = ±0.25  | Unit       | mm             | Scale                     | 1:1         |
| .xx = ±0.15 | Drawn By   | ZY 07/26'22    |                           |             |

**OUPIN**  
**OUPIN ELECTRONIC(KUNSHAN) CO., LTD.**  
 P/N: 9303-1S24H04CB30DLA-A009

|       |     |          |    |
|-------|-----|----------|----|
| SHEET | 1/1 | Ver. No. | R4 |
|-------|-----|----------|----|