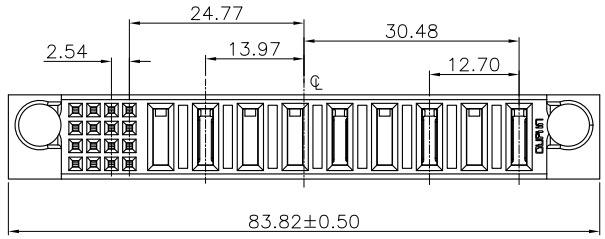
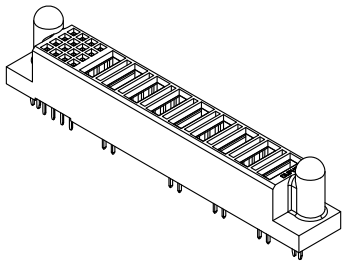
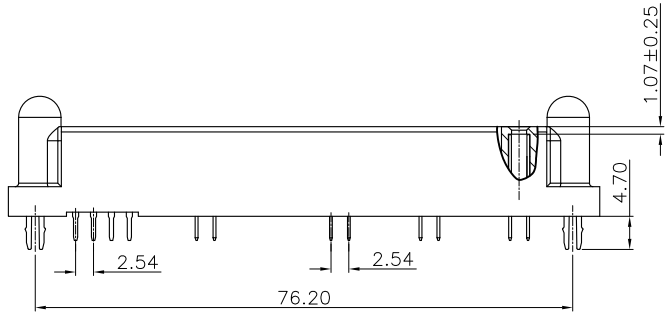
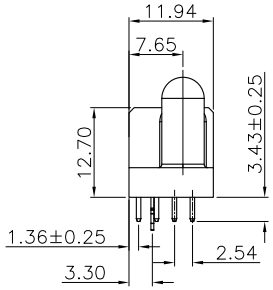
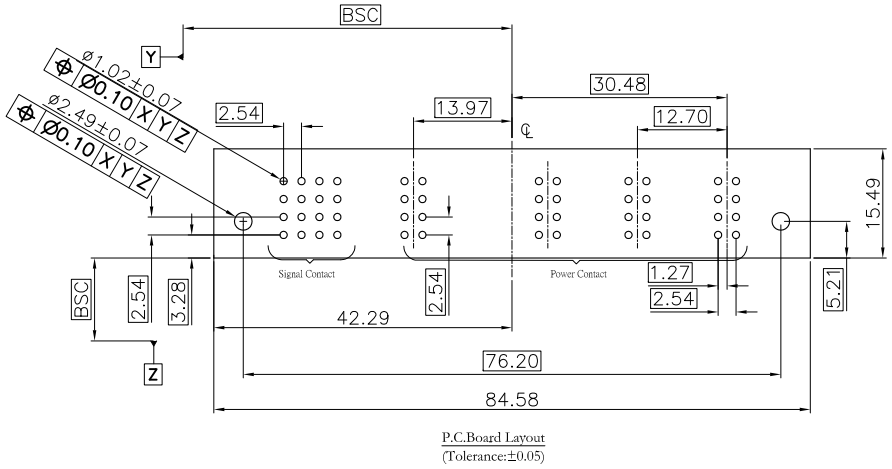
| REV. | SPECIFICATION | ECN NO. | APPD. |
|---|---|---|---|
| R1 | | ECN261003 | |






P.C.Board Layout
(Tolerance:±0.05)




9391-A 2 S16 P09 CB 30 D L A -A053

- Series
- 2: Female Straight
- 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
- 30:30u"
- D: Dip Type
- L: With Lock / Blank: Without Lock
- A:Tray Package
- Internal Code

## Material and Plating:

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

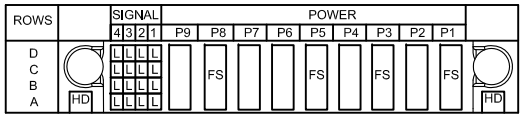
## Electrical Characteristics:

**Current Rating:** Signal Pin 2.5 AMP.
Power Pin 30 AMP.
**Dielectric Withstanding Voltage:**
Signal Pin DC 1000V For 1 minute.
Power Pin DC 2500V For 1 minute.
**Insulator Resistance:** Signal Pin 5000MΩ min. at DC 500V.
Power Pin 20000MΩ min. at DC 500V.
**Contact Resistance:** Signal Pin 15mΩ max. at DC 20mA.
Power Pin 0.7mΩ max. at DC 20mA.
**Operating Temperature:** -40°C ~+105°C .

## *RoHS & HF 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:
P2,P4,P6,P7,P9 Without Contact.




| | |
|---|---|
| POWER CONTACT TO THE TOP DISTANCE 2.34mm, | FM |
| POWER CONTACT TO THE TOP DISTANCE 1.07mm, | FS |
| SIGNAL CONTACT 3.43 SOLDER TAIL, PD/NI | L |

| | | | |
|---|---|---|---|
| Tolerances | Dwg. No. | 9391-D0000-406 | Title: 9391 Series High Power Socket Straight Dip Type |
| x = ±0.5<br>.x = ±0.25<br>.xx = ±0.15 | Projection | | |
| | Unit mm | Scale 1:1 | |
| | Drawn By | XS 10/08'26 | |

OUPIIN ELECTRONIC(KUNSHAN) CO., LTD.

P/N: 9391-A2S16P09CB30DLA-A053

| SHEET | 1/1 | Ver. No. | R1 |
|---|---|---|---|