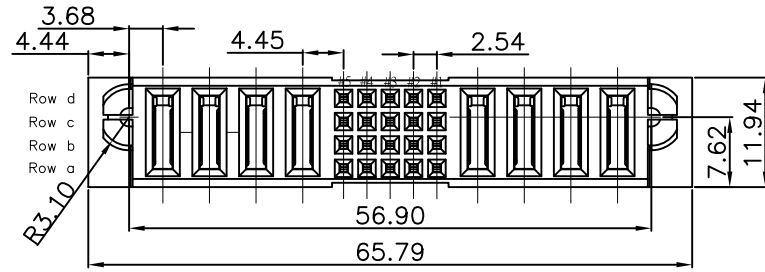


REV.	SPECIFICATION	ECN NO.	APPD.
R1		ECN200538	



**Material and Plating:**

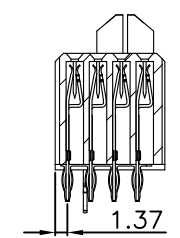
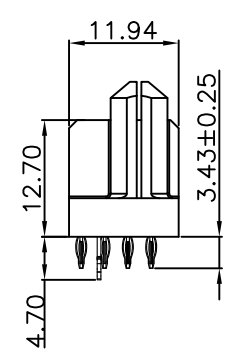
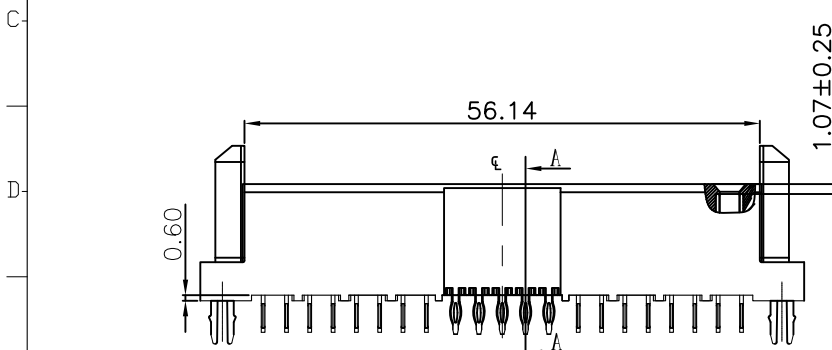
**Housing:** LCP, UL94V-0, Black.  
**Power Contacts:** High Conductivity Copper .  
 Gold Plated or 30u" Au+Pd/Ni on Contact Area and 80u" Tin Plated on Press Fit over 50u" Min Nickel.  
**Signal Contacts :** Phosphor Bronze .  
 Gold Plated or 30u" Au+Pd/Ni on Contact Area and 80u" Tin Plated on Press Fit over 50u" Min Nickel.  
**Lock:** Phosphor Bronze .

**Electrical Characteristics:**

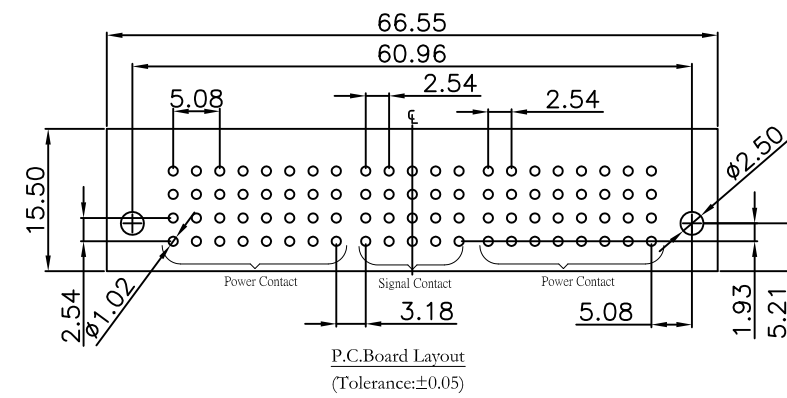
**Current Rating:** Signal Pin: 2.5 A.  
 Power Pin: 65A(2oz x 6).  
**Dielectric Withstanding Voltage:**  
 Signal Pin DC 1000V For 1 minute.  
 Power Pin DC 2500V For 1 minute.  
**Insulator Resistance:** Signal Pin 500MΩ max.  
 Power Pin 1000MΩ max.  
**Contact Resistance:** Signal Pin 20mΩ max.  
 Power Pin 0.7mΩ max.  
**Operating Temperature:** -40°C ~+125°C .

**\*RoHS Compliant**

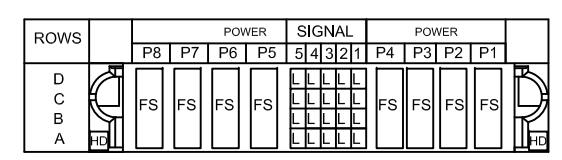
**Notes :**  
 H: High density Power---PCB Mount 5.08mm Pitch  
 P: DC Power---PCB Mount 6.35mm Pitch  
 A: AC Power---PCB Mount 7.62mm Pitch  
 S: Signal---PCB Mount 2.54mm Pitch



Section: A-A  
Scale: 1:1



Series 9303- 2 H04 S20 H04 Cxx P L A  
 Female Straight  
 Blank: Without Contact  
 Power Contact: Hxx, Pxx, Axx  
 No. of position  
 Blank: Without Contact  
 Signal Contact: Sxx  
 No. of position  
 A: Tray Package  
 L: With Lock  
 P: Press Fit Type  
 CB30: Contact Au+Pd/Ni, Dip Tin  
 30: 30 u"  
 Cxx: Selective Gold Plated  
 10: 10 u"  
 30: 30 u"  
 Blank: Without Contact  
 Power Contact: Hxx, Pxx, Axx  
 No. of position



POWER CONTACT TO THE TOP DISTANCE 1.78mm, THE MATING LENGTH 4.17mm	FL
POWER CONTACT TO THE TOP DISTANCE 2.34mm, THE MATING LENGTH 3.61mm	FM
POWER CONTACT TO THE TOP DISTANCE 1.07mm, THE MATING LENGTH 4.88mm	FS
SIGNAL CONTACT 3.43 SOLDER TAIL, Pd/Ni	L

Tolerances	Dwg. No.	9303-D0000-087	Title:		 <b>OUPIN ELECTRONIC(KUNSHAN) CO., LTD.</b> P/N: 9303-2H04S20H04CxxPLA			
x = ±0.5	Projection		6303 Series					
.x = ±0.25	Unit	mm	Scale	1:1	Female Straight Press Fit Type			
.xx = ±0.15	Drawn By	zcc 05/25'20			SHEET	1/1	Ver. No.	R1