

REV.	SPECIFICATION	ECN NO.	APPD.
R2		ECN250601	

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

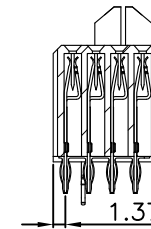
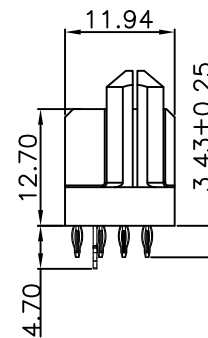
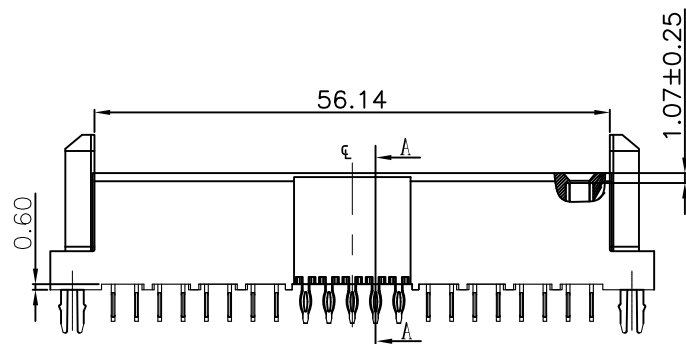
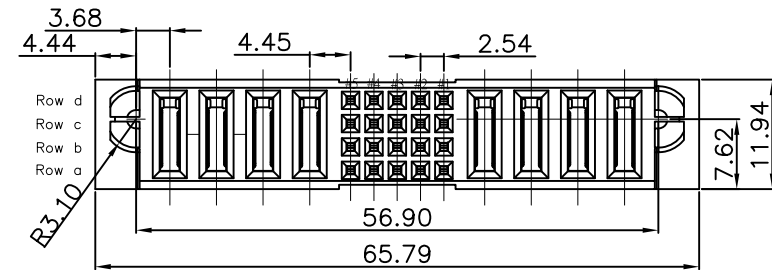
Notes :

H: High density Power---PCB Mount 5.08mm Pitch

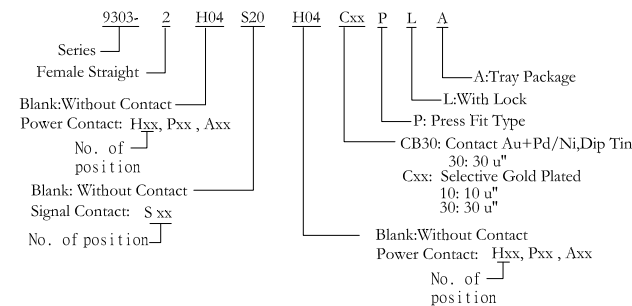
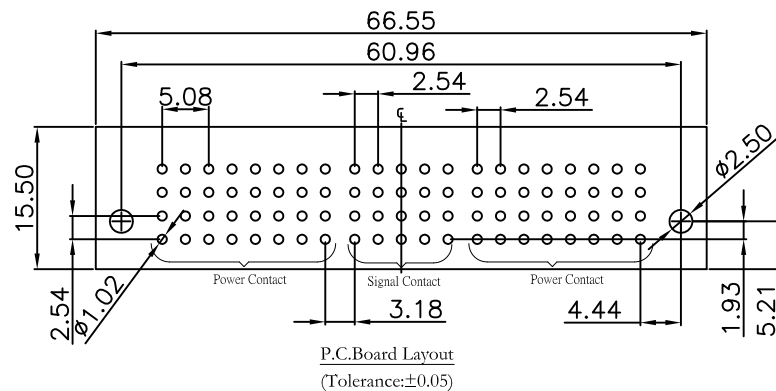
P: DC Power---PCB Mount 6.35mm Pitch

A: AC Power---PCB Mount 7.62mm Pitch

S: Signal---PCB Mount 2.54mm Pitch



Section: A-A
Scale: 1:1



ROWS		POWER				SIGNAL				POWER						
		P8	P7	P6	P5	5	4	3	2	1	P4	P3	P2		P1	
D																
C		FS	FS	FS	FS	L	L	L	L	L	FS	FS	FS	FS		
B						L	L	L	L	L						
A		HD					L	L	L	L						HD

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: 9303 Series Female Straight Press Fit Type	 OUPIIN ELECTRONIC(KUNSHAN) CO., LTD.			
x = ±0.5	Projection				P/N: 9303-2H04S20H04CxxPLA			
.x = ±0.25	Unit	mm	Scale					
.xx = ±0.15	Drawn By	XM 06/03'25			SHEET			
					1/1			
				Ver. No.				
				R2				