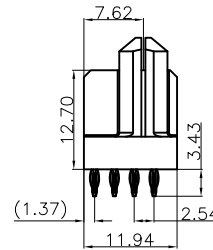
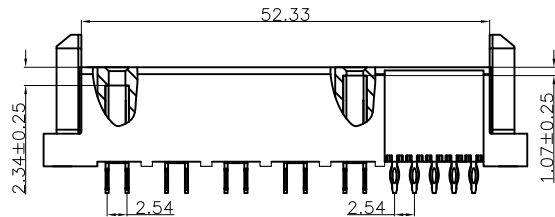
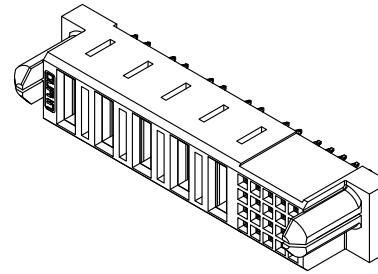
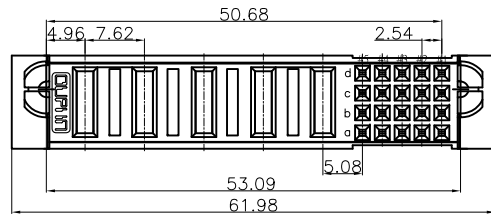


REV.	SPECIFICATION	ECN NO.	APPD.
R1		ECN220308	



### Material and Plating:

Housing: LCP, UL94V-0, Black.

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: Phosphor Bronze.  
30u" Au+Pd/Ni on Contact Area and 80u" Min Tin Plated on Solder Tail over nickel 50u" Min.

### Electrical Characteristics:

Current Rating: Signal Pin: 2.5 A.

Power Pin: 65 A (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

Note1:

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

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

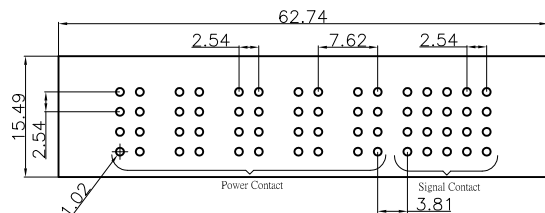
A: AC Power---PCB Mount 7.62mm Pitch

S: Signal---PCB Mount 2.54mm Pitch

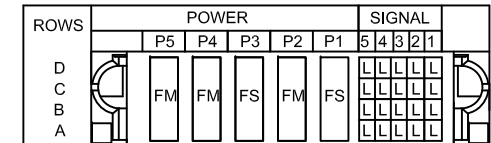
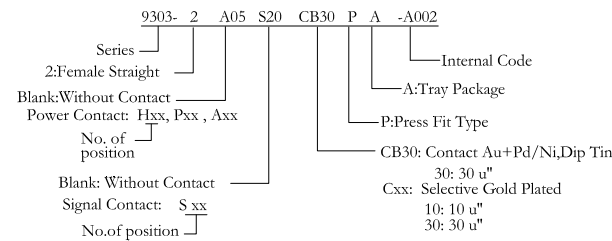
Note2:

P2,P4,P5: Power Contact to The Top Distance is 2.34mm.

P1,P3: Power Contact to The Top Distance is 1.07mm.



P.C.Board Layout  
(Tolerance:±0.05)



POWER CONTACT TO THE TOP DISTANCE 2.34mm, THE MATING LENGTH 3.87mm	FM
POWER CONTACT TO THE TOP DISTANCE 1.07mm, THE MATING LENGTH 5.14mm	FS
SIGNAL CONTACT 3.43 SOLDER TAIL, PD/Ni	L

Tolerances	Dwg. No.	9303-D0000-018	Title:		 <b>OUPIN ELECTRONIC(KUNSHAN) CO., LTD.</b> P/N: 9303-2A05S20CB30PA-A002			
x = ±0.5	Projection		6303 Series					
.x = ±0.25	Unit	mm	Scale	1:1				
.xx = ±0.15	Drawn By	XS 03/05'22	Female Straight Press Fit Type		SHEET	1/1	Ver. No.	R1