

REV.	SPECIFICATION	ECN NO.	APPD.
R1		ECN170511	

Material and Plating:

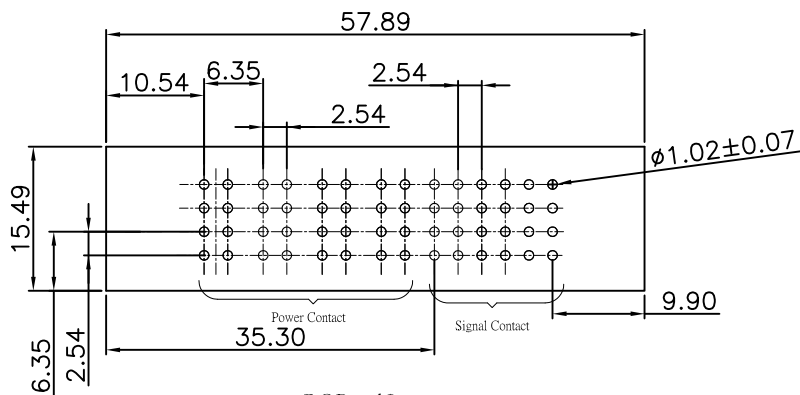
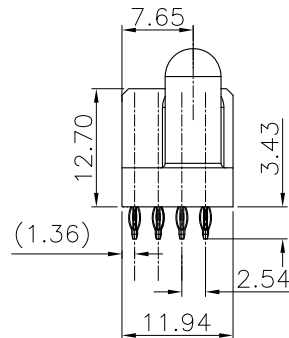
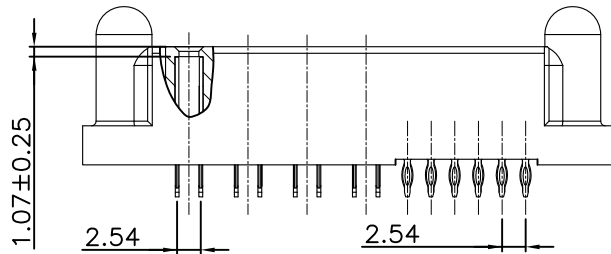
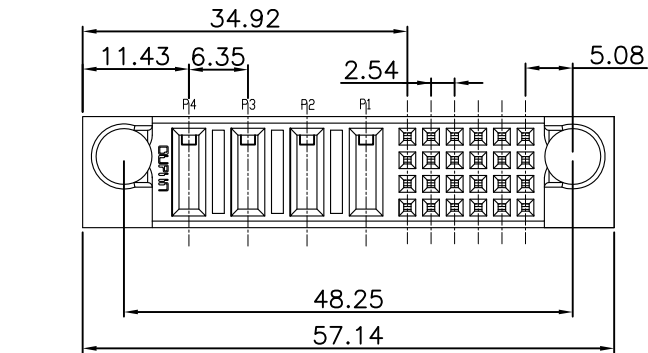
Housing: LCP, UL94V-0, BLACK.
 Power Contacts : High Conductivity Copper
 Au(3u")+Pd/Ni (27u") gold plated on Contact Area and 80~160u"
 Tin Plated on Solder Tail over nickel 50-120u" under plated .
 Signal Contacts : Phosphor Bronze.
 Au(3u")+Pd/Ni (27u") gold plated on Contact Area and 80~160u"
 Tin Plated on Solder Tail over nickel 50-120u" under plated .

Electrical Characteristics:

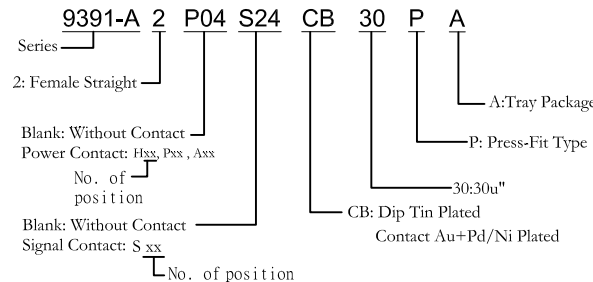
Current Rating: Signal Pin 2.5 AMP.
 Power Pin 30 AMP.
 Dielectric Withstanding Voltage:
 Signal Pin DC 1000V For 1 minute.
 Power Pin DC 2500V For 1 minute.
 Insulator Resistance: Signal Pin 5000MΩ min. at DC 500V.
 Power Pin 20000MΩ min. at DC 500V.
 Contact Resistance: Signal Pin 15mΩ max. at DC 20mA.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

***RoHS 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



P.C.Board Layout
(Tolerance:±0.05)



ROWS	POWER				SIGNAL					
	P4	P3	P2	P1	6	5	4	3	2	1
D	FS	FS	FS	FS	L	L	L	L	L	L
C	FS	FS	FS	FS	L	L	L	L	L	L
B	FS	FS	FS	FS	L	L	L	L	L	L
A	FS	FS	FS	FS	L	L	L	L	L	L

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.	9391-D0000-127	Title:	9391 Series	OUPIN OUPIN ELECTRONIC(KUNSHAN) CO., LTD. P/N: 9391-A2P04S24CB30PA
x = ±0.5	Projection		Female Straight Press Fit Type		
.x = ±0.25	Unit	mm	Scale	1:1	SHEET
.xx = ±0.15	Drawn By	LQ 05/05'16			1/1
					Ver. No.
					R1