

REV.	SPECIFICATION	ECN NO.	APPD.
X1			

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 Press Fit over nickel 50u" Min .
 Signal Contacts : Phosphor Bronze.
 30u"Au+Pd/Ni on Contact Area and 80u" Min Tin Plated on Press Fit over nickel 50u" Min .
 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 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

ROWS	POWER					SIGNAL			POWER													
	P16	P15	P14	P13	P12	P11	P10	P9	5	4	3	2	1	P8	P7	P6	P5	P4	P3	P2	P1	
D									L	L	L	L	L									
C	FS	FS	FS	FS	FS	FS	FS	FS	L	L	L	L	L	FS	FS	FS	FS	FS	FS	FS	FS	
B									L	L	L	L	L									
A	HD								L	L	L	L	L								HD	

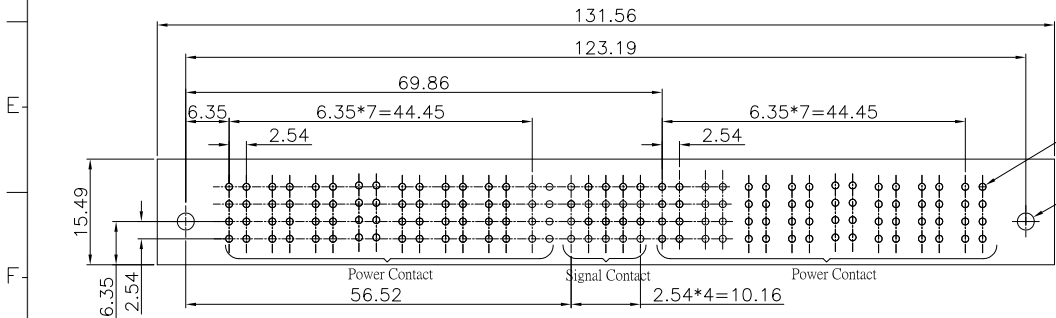
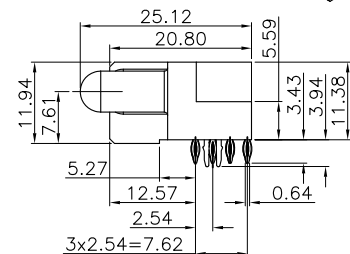
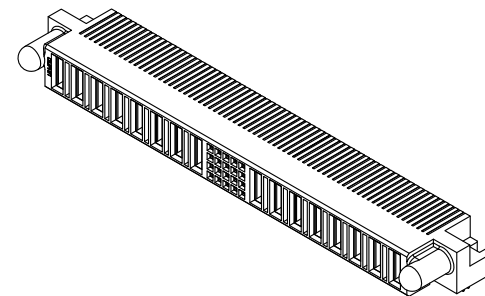
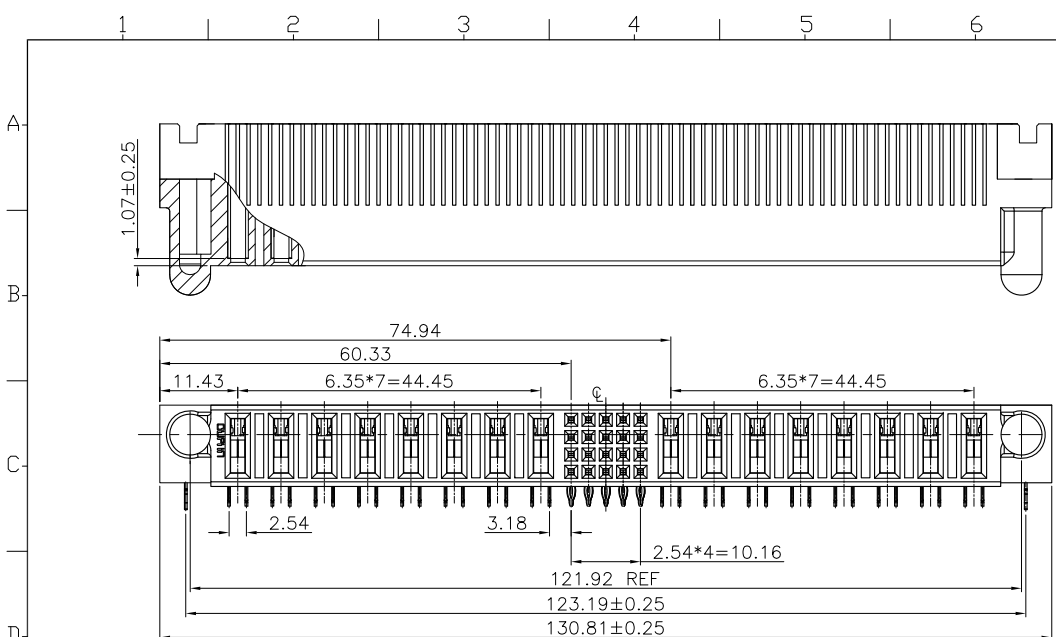
POWER CONTACT TO THE TOP DISTANCE 2.34mm, THE MATING LENGTH 4.06mm	FM
POWER CONTACT TO THE TOP DISTANCE 1.07mm, THE MATING LENGTH 5.33mm	FS
SIGNAL CONTACT 3.43 SOLDER TAIL, Pd/Ni	L

9391-A 4 P08 S20 P08 CB 30 P L A
 Series
 4: Female Right-angle
 Blank: Without Contact
 Power Contact: Hxx, Pxx, Axx
 No. of position
 Blank: Without Contact
 Signal Contact: S xx
 No. of position
 Blank: Without Contact
 Power Contact: Hxx, Pxx, Axx
 No. of position
 A: Tray Package
 Blank: Without Lock
 L: With Lock
 P: Press Fit Type
 30: 30u"
 CB: Dip Tin Plated Contact Au+Pd/Ni Plated
 Blank: Without Contact
 Power Contact: Hxx, Pxx, Axx
 No. of position

Tolerances	Dwg. No.	9391-D0000-206		Title:	
x = ±0.5	Projection	⊕ ◀		9391 Series Female Right-angle Press Fit Type	
.x = ±0.25	Unit	mm	Scale		1:1
.xx = ±0.15	Drawn By	CXP 02/13/'19			

PROPOSAL ONLY

OUPIN			
OUPIN ELECTRONIC(KUNSHAN) CO., LTD.			
P/N: 9391-A4P08S20P08CB30PLA			
SHEET	1/1	Ver. No.	X1



P.C.Board Layout
(Tolerance:±0.05)