

REV.	SPECIFICATION	ECN NO.	APPD.
R1		ECN250852	

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 .

Lock: Phosphor Bronze.

Electrical Characteristics:

Current Rating: Signal Pin: 2.5 A.

Power Pin: 90A Single Port (UL)(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 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

Notes 2 :

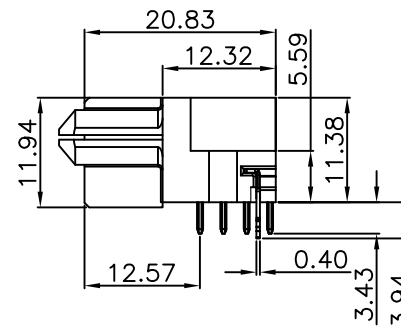
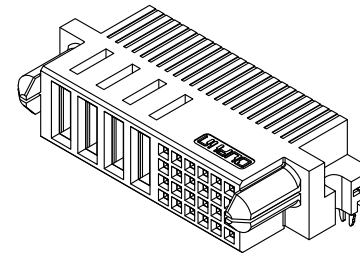
1.Applicable M3 screws add pad.

Tightening Torque: 0.6 N · m Max.

2.Power Pin: 90A Single Port (UL)(2oz x 6).

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

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

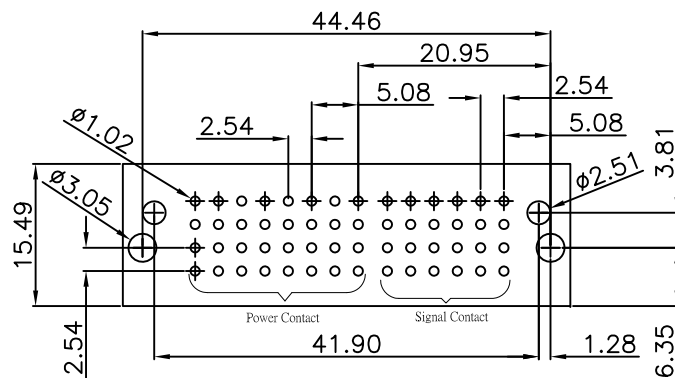
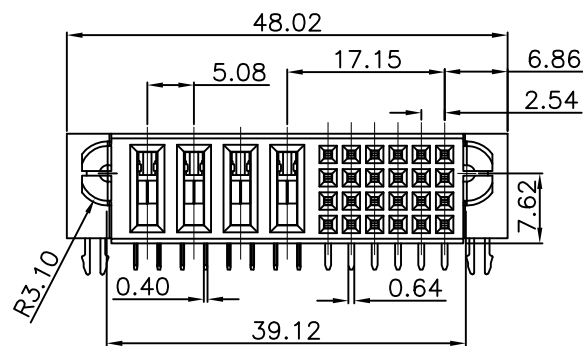
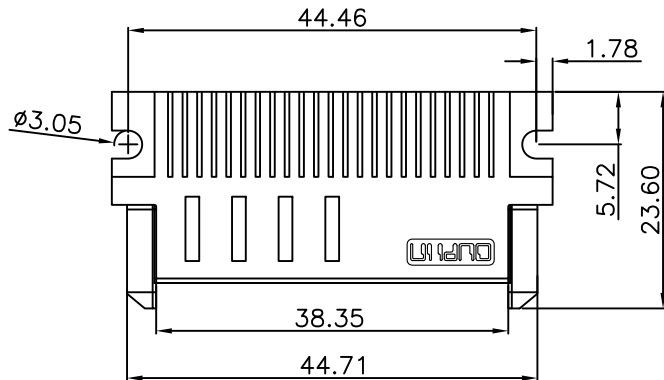


9303-	4	H04	S24	CB	30	D	L	A	-A036	Internal Code
Series	4:Female Right Angle							A:Tray Package		
Blank:Without Contact								L:With Lock		
No. of position	Hxx, Pxx, Axx							D:Dip Type		
Blank: Without Contact								30: 30 u"		
Signal Contact: S xx								CB: Contact Au+Pd/Ni,Dip Tin		
No. of position										

Tolerances	Dwg. No.	9303-D0000-161	Title:	9303 Series
x = ±0.5	Projection		Unit	mm
.x = ±0.25	Scale	1:1	Drawn By	XS 08/29'25
.xx = ±0.15				

Female Right Angle Dip Type

OUPIN ELECTRONIC(KUNSHAN) CO., LTD.			
P/N: 9303-4H04S24CB30DLA-A036			
SHEET	1/1	Ver. No.	R1



P.C.Board Layout
(Tolerance:±0.05)