

REV.	SPECIFICATION	ECN NO.	APPD.
R3		ECN220934	

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: Brass
 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: 90 A 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 at DC 20mA.
 Power Pin 10mΩ max at DC 20mA.
Operating Temperature: -40°C~+125°C.

***RoHS Compliant**

Note 1:

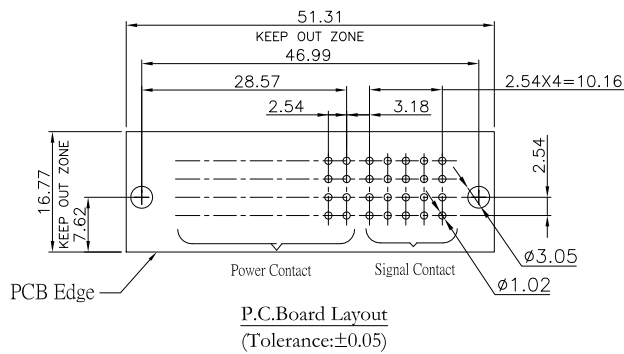
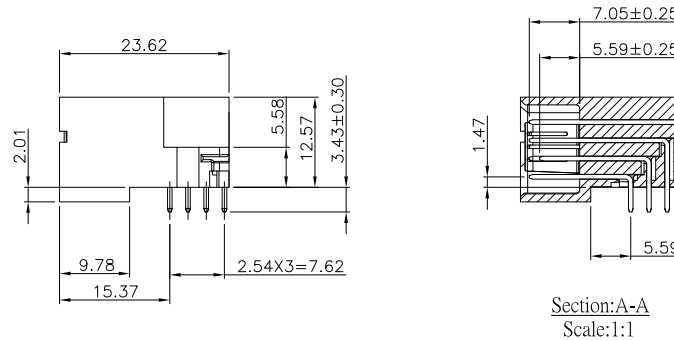
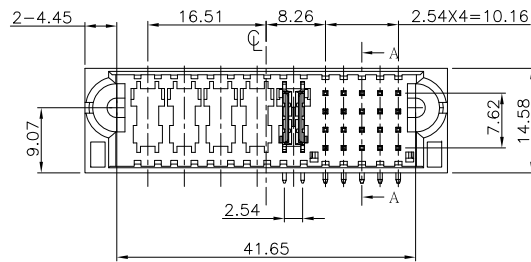
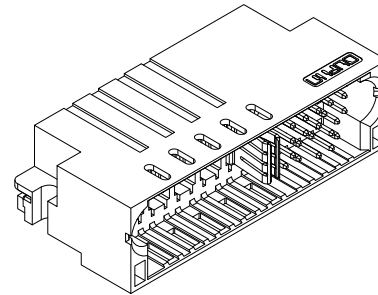
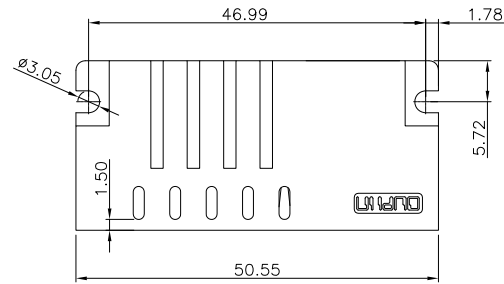
H: High density Power---PCB Mount 5.08mm Pitch.
 P: DC Power---PCB Mount 6.35mm Pitch.
 A: AC Power---PCB Mount 7.62mm Pitch.
 S: Signal---PCB Mount 2.54mm Pitch.

Note 2:

P1,P2,P3, P4 Without Power Contact
 a1, a2 a5,b2,b3,b5,c4,d4Contact Length is 5.59mm,
 Other Contact Length is 7.05mm.

ROWS	POWER					SIGNAL				
	P1	P2	P3	P4	P5	1	2	3	4	5
D						F	F	F	F	F
C					MS	F	F	F	F	F
B						F	F	F	F	F
A						E	E	E	E	E

SIGNAL PIN CONTACT LENGTH 4.32mm	H
SIGNAL PIN CONTACT LENGTH 5.59mm	E
SIGNAL PIN CONTACT LENGTH 7.05mm	F
SIGNAL PIN CONTACT LENGTH 6.86mm	G
HOT PLUG POEWR CONTACT,STD	MS



9303- 1 H05 S20 CB 30 D A -A017
 Series
 1: Male Right-angle
 Blank: Without Contact
 Power Contact: Hxx, Pxx, Axx
 No. of position
 Blank: Without Contact
 Signal Contact: S xx
 No. of position
 Internal Code
 A: Tray Package
 D: Dip Type
 30: 30 u"
 CB: Contact Au+Pd/Ni, Dip Tin Plated

Tolerances	Dwg No.	9303-D0000-081		Title:	
x. = ±0.50	Projection	⊕ ⊖		9303 Series Male Right-angle Dip Type	
.x = ±0.25	Unit	mm	Scale		1:1
.xx = ±0.15	Drawn By	XS 11/03'22			

DUPIIN			
OUPIIN ELECTRONIC(KUNSHAN) CO., LTD.			
P/N: 9303-1H05S20CB30DA-A017			
SHEET	1/1	Ver. No.	R3