

REV.	SPECIFICATION	ECN NO.	APPD.
X2		ECN260339	

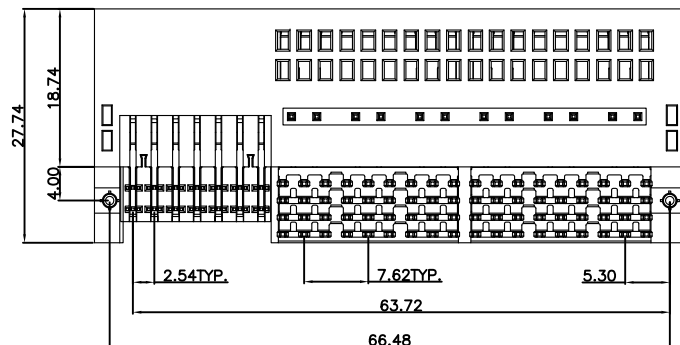
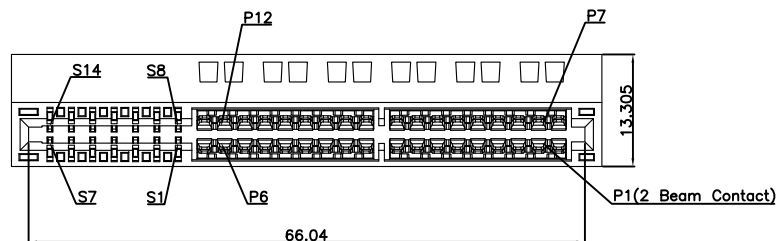
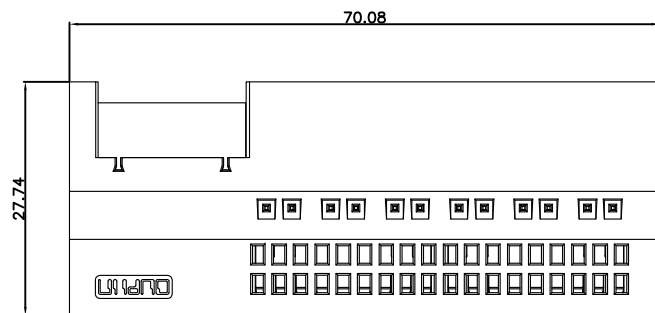
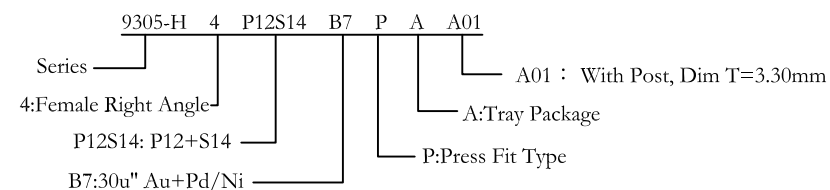
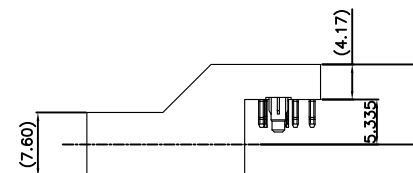
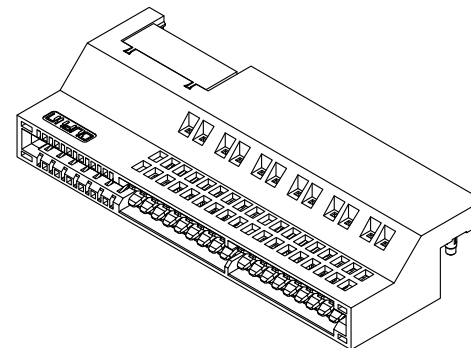
Material and Plating:

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:

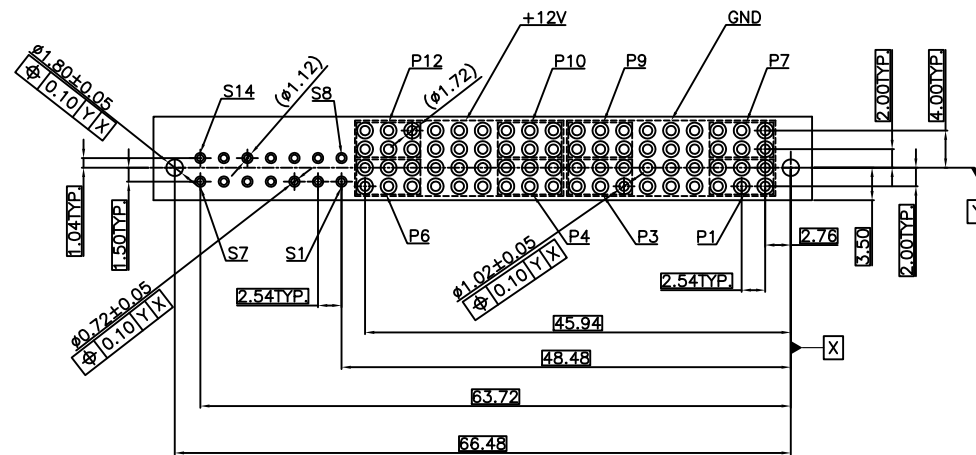
Current Rating: Signal Pin 1.0 A(2ozX10).
Power Pin 125 A(2ozX10).
Insulator Resistance:
Signal Pin 500MΩ min. at DC 500V.
Power Pin 5000MΩ min. at DC 500V.
Dielectric Withstanding Voltage:
Signal Pin DC 500V For 1 minute.
Power Pin DC 1000V For 1 minute.
Contact Resistance: Signal Pin 30mΩ max.
Power Pin 0.6mΩ max.
Operating Temperature: -55°C ~+105°C .

***RoHS & HF Compliant**

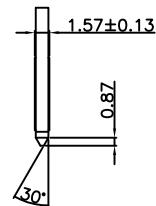
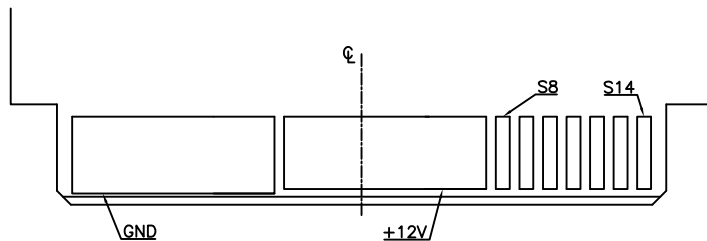


Tolerances	Dwg. No.	9305-DS14P12-018		Title: 9305-H Series High Power and Signal Edge Card Connector	 OUPIIN ELECTRONIC(KUNSHAN) CO., LTD.				
.x = ±0.4	Projection				P/N: 9305-H4P12S14B7PAA01				
.xx= ±0.3	Unit	mm	Scale		1:1	SHEET	1/2	Ver.No.	X2
.xxx= ±0.15	Drawn By	WP 03/20'26							

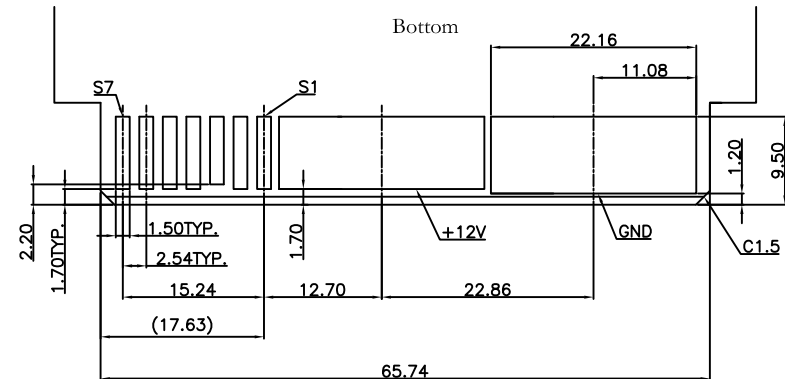
REV.	SPECIFICATION	ECN NO.	APPD.
X2		ECN260339	



P.C. Board Layout($T \geq 2.50\text{mm}$)(Top View)
(Tolerance: ± 0.05)



Recommended Edge Card Layout
(Tolerance: ± 0.05)



Tolerances	Dwg. No.	9305-DS14P12-018
x = ± 0.4	Projection	
.xx = ± 0.3	Unit	mm
.xxx = ± 0.15	Scale	1:1
	Drawn By	WP 03/20'26

Title:
9305-H Series
High Power and Signal
Edge Card Connector

OUPIN ELECTRONIC(KUNSHAN) CO., LTD.			
P/N: 9305-H4P12S14B7PAA01			
SHEET	2/2	Ver.No.	X2