

REV.	SPECIFICATION	ECN NO.	APPD.
R2		ECN250422	

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 .

Lock: Phosphor Bronze.

Electrical Characteristics:

Current Rating: Signal Pin 1.8 A(35 Adjacent Contacts).

Power Pin: 75A(P1~P4)(2oz x 10).

45A(P5~P7)(2oz x 10).

Dielectric Withstanding Voltage:

Signal Pin DC 1000V For 1 minute.

Power Pin DC 2500V For 1 minute.

Insulator Resistance: Signal Pin 500M Ω min.

Power Pin 1000MΩ min.

Contact Resistance: Signal Pin 30mΩ 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

L:Low Power---PCB Mount 2.92mm Pitch

Notes 2 :

1.P5 ~P7 is Right Power Pin.

2.C3 Contact Length is 4.17mm,Other Pin Contact Length is5.44mm.

ROWS		POWER				SIGNAL					POWER			
		P1	P2	P3	P4	1	2	3	4	5	P5	P6	P7	
E		LS	RS	LS	RS	H	H	H	H	H	RS			
D						H	H	H	H	H				
C						H	H	H	H	H				
B						H	H	E	H	H				
A						H	H	H	H	H				
	HD					H	H	H	H				HD	

SIGNAL PIN CONTACT LENGTH 5.44mm	H
SIGNAL PIN CONTACT LENGTH 4.17mm	E
HIGH POWER CONTACT.STD	LS&RS
LOWER POWER CONTACT.STD	RS

Tolerances	Dwg. No.		9303-DP04S25P03-001	
$x = \pm 1$	Projection		 	
$.x = \pm 0.5$	Unit	<i>mm</i>	Scale	1:1
$.xx = \pm 0.25$	Drawn By		XS 04/11'25	

Title:

9303-C Series

PwrSword™ ULTRA HD Male
Right-angle DIP Type



OUPIIN ELECTRONIC(KUNSHAN) CO., LTD.

P/N: 9303-C1P07S25B7SAA01

SHEET	1/1	Ver. No.	R2
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