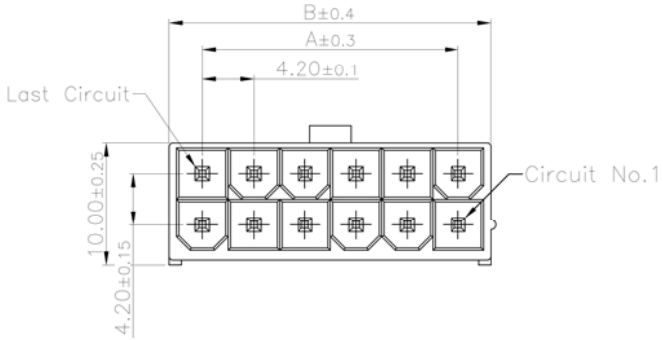
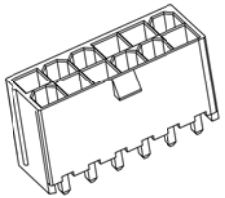
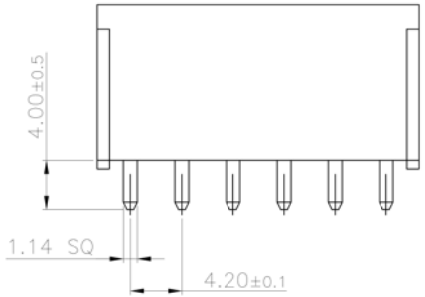
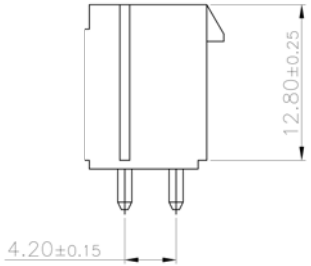




Specifications:
Current Rating:4.5~11.5A AC/DC
Voltage Rating:600V AC/DC
Contact Resistance:10m ohm. Max.
Insulation Resistance:1000M ohm. Min.
Withstanding Voltage:1500V AC For One Minute
Operating Temperature Range:−40°C To +105°C

Materials:
Insulator:Nylon66 UL94V−0
Insulator Color:Transparent
Contact:Brass
Plating:Tin Plated





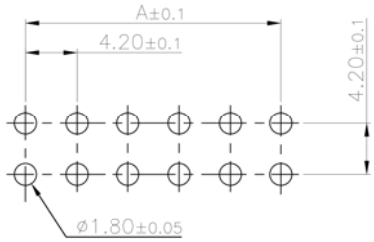
Dimension Information:

Circuits	Dim A	Dim B	Circuits	Dim A	Dim B
2		5.4	14	25.2	30.6
4	4.2	9.6	16	29.6	34.8
6	8.4	13.8	18	33.6	39.0
8	12.6	18.0	20	37.8	43.2
10	16.8	22.2	22	42.0	47.4
12	21.0	26.4	24	46.2	51.6

MAXIMUM CURRENT RATING:

WIRE−TO−WIRE						
WIRE SIZE	Dual Row Circuit Sizes					
	2	4	6,8	10,12	14,16,18	20,22,24
16 AWG	12A	11A	10A	9.5A	9A	8.5A
18 AWG	10A	9A	8A	7.5A	7A	6.5A
20 AWG	8.5A	7.5A	7A	6.5A	6A	5.5A

WIRE−TO−BOARD						
WIRE SIZE	Dual Row Circuit Sizes					
	2	4	6,8	10,12	14,16,18	20,22,24
16 AWG	11.5A	10.5A	9A	8A	7.5A	7A
18 AWG	9.5A	8.5A	7.5A	7A	6.5A	6A
20 AWG	8A	7A	6A	5.5A	5A	4.5A



RECOMMENDED P.C.B LAYOUT

RoHS Compliant

REV	DATE	FILE	BY
B	04−Dec−2023		Zongyi
A	10−Jan−2020		Jerry Chen

DRAWN: Jerry Chen

CHECKED:

APPROVAL: Rory Chen

GENERAL TOLERANCE:
30 OVER ±0.4
10 OVER 30 UNDER ±0.3
10 UNDER ±0.2

UNIT: MM

SCALE:1:1

SHEET: 1 / 3

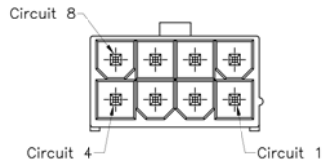
PROJECTION:

CnC Tech
Industrial Cable and Connector Technology

DESCRIPTION: CONN HEADER VERT DUAL 94V-0

PART NO: 4282-1-0100-XX-SP

SIZE A4



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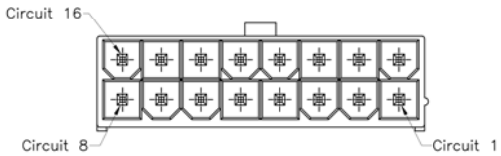

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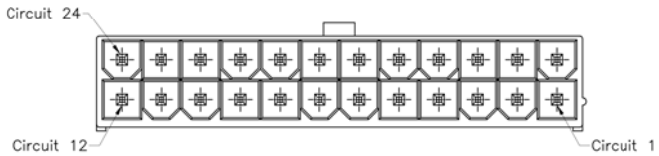

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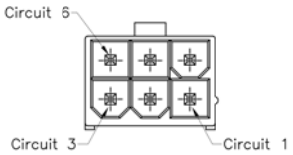

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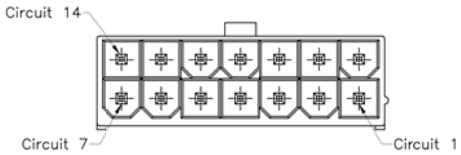

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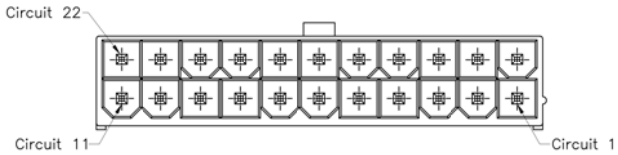

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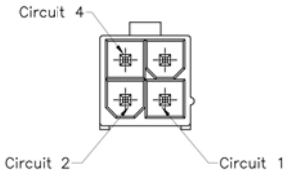

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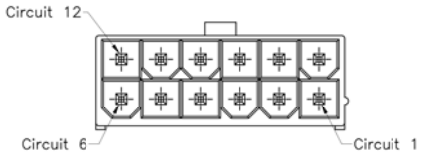

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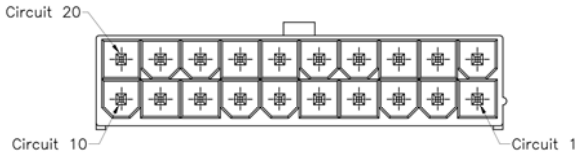

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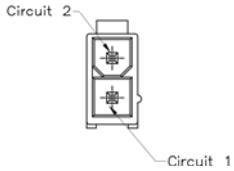

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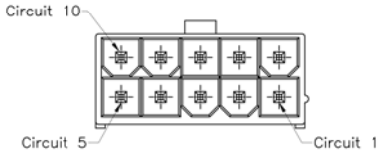

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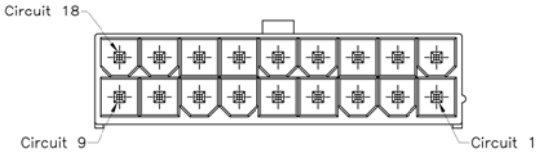


18PIN

2~24P Protection Key Drawing(Ref.)

RoHS Compliant

REV	DATE	FILE	BY
B	04-Dec-2023		Zongyi
A	10-Jan-2020		Jerry Chen

DRAWN: Jerry Chen

CHECKED:

APPROVAL: Rory Chen

GENERAL TOLERANCE:
30 OVER ±0.4
10 OVER 30 UNDER ±0.3
10 UNDER ±0.2

UNIT: MM

SCALE:1:1

SHEET: 2 / 3

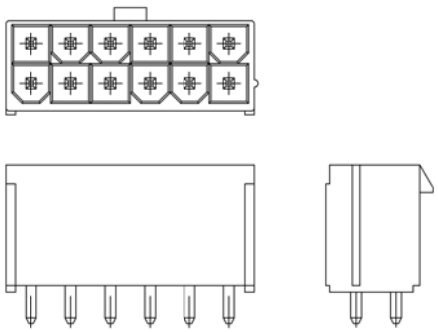
PROJECTION:

CnC Tech
Industrial Cable and Connector Technology

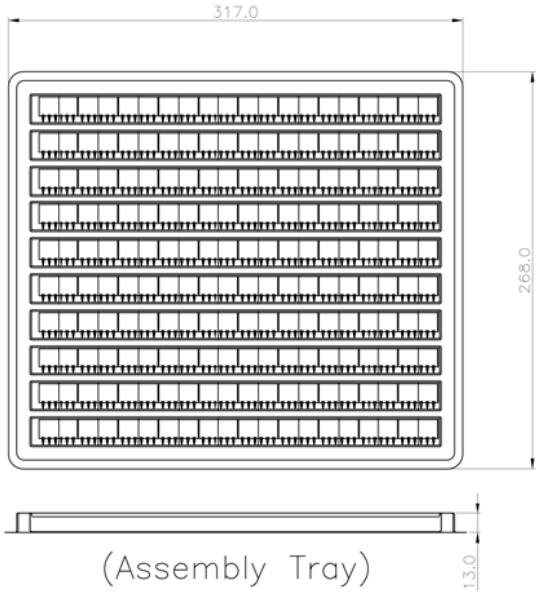
DESCRIPTION: CONN HEADER VERT DUAL 94V-0

PART NO: 4282-1-0100-XX-SP

SIZE A4

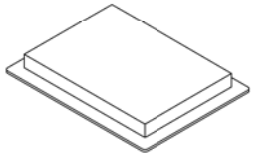


4282-1-0100-XX-SP

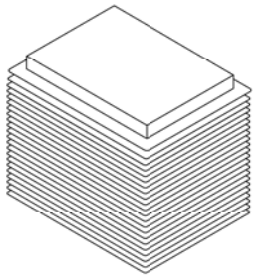


(Assembly Tray)

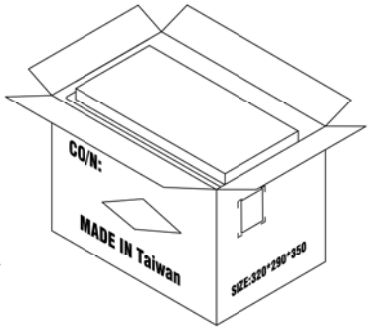
Note:
1.Dimension:
Tray Size:
317(L)x268(W)x13(H) (mm)
Carton Size:
320(L)x290(W)x350(H) (mm)
2.Quantity:
30Tray/Carton

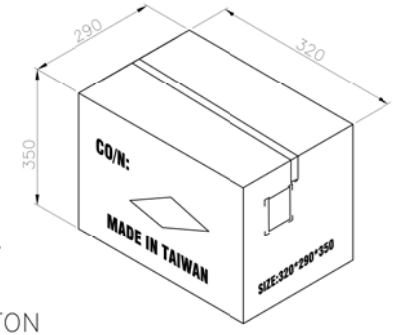


TRAY



30 TRAYS





CARTON

Pin.	Pcs/Tray	Tray/Carton	Pcs/Carton
2	470	30	14100
4	270	30	8100
6	190	30	5700
8	140	30	4200
10	120	30	3600
12	100	30	3000
14	80	30	2400
16	70	30	2100
18	60	30	1800
20	60	30	1800
22	50	30	1500
24	50	30	1500

REV	DATE	FILE	BY
B	04-Dec-2023		Zongyi
A	26-Aug-2019		Jerry Chen

DRAWN: Jerry Chen

CHECKED:

APPROVAL: Rory Chen

GENERAL TOLERANCE:
.X=±0.2
.XX=±0.15

UNIT: MM

SCALE:

SHEET: 3 / 3

PROJECTION:

CnC Tech
Industrial Cable and Connector Technology

DESCRIPTION: CONN HEADER VERT DUAL 94V-0 PACKING

PART NO: 4282-1-0100-XX-SP

SIZE: A4