

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

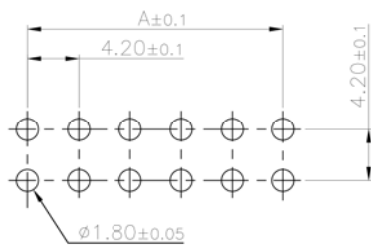
Dimension Information:

Circuits	Dim A	Dim B	Circuits	Dim A	Dim B
2	4.2	5.4	14	25.2	30.6
4		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

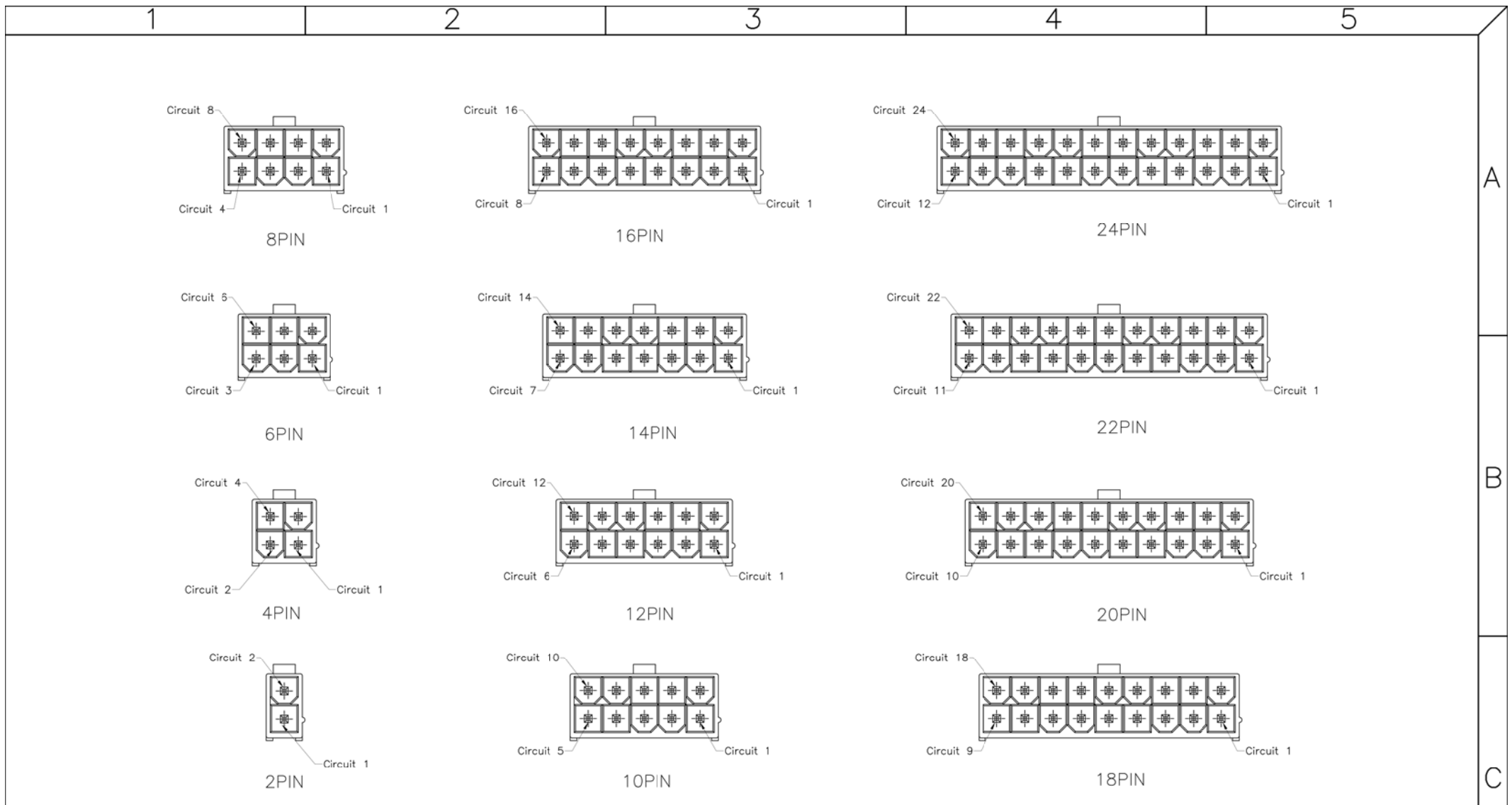
WIRE-TO-BOARD						
WIRE SIZE	Dual Row Circuit Sizes					
	2	4	6,8	10,12	14,16,18	20,22,24
16 AWG	11.5A	10.5A	9A	8A	7.5A	7A
18 AWG	9.5A	8.5A	7.5A	7A	6.5A	6A
20 AWG	8A	7A	6A	5.5A	5A	4.5A



RECOMMENDED P.C.B. LAYOUT

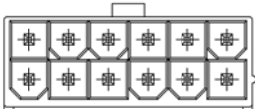
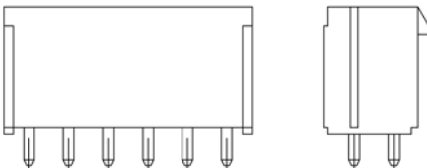
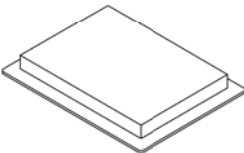
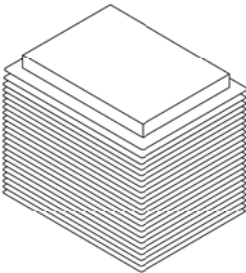
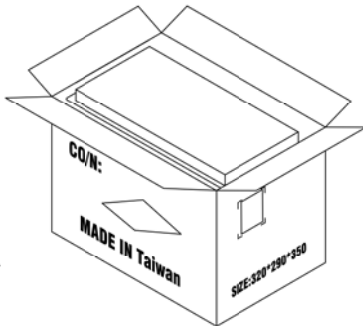
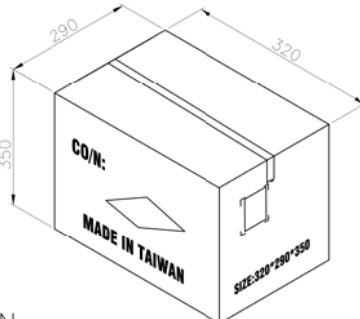
RoHS Compliant

				DRAWN:	GENERAL TOLERANCE:	<div>CnC Tech</div> <div>Industrial Cable and Connector Technology</div>	
				Jerry Chen	30 OVER ±0.4 10 OVER 30 UNDER ±0.3 10 UNDER ±0.2		
				CHECKED:	UNIT: MM		
B	04-Dec-2023		Zongyi	APPROVAL:	SCALE:1:1	DESCRIPTION:	SIZE
A	10-Jan-2020		Jerry Chen		SHEET: 1 / 3	CONN HEADER VERT DUAL 94V-0	A4
REV	DATE	FILE	BY		PROJECTION:	PART NO:	
				Rory Chen		4282-1-0100-XX-SP	



2~24P Protection Key Drawing(Ref.)

				RoHS Compliant			
				DRAWN:	GENERAL TOLERANCE:	<div>CnC Tech</div> <div>Industrial Cable and Connector Technology</div>	
				Jerry Chen	30 OVER $\pm 0.4$ 10 OVER 30 UNDER $\pm 0.3$ 10 UNDER $\pm 0.2$		
				CHECKED:	UNIT: MM	DESCRIPTION:	SIZE
B	04-Dec-2023		Zongyi		SCALE:1:1	CONN HEADER VERT DUAL 94V-0	A4
A	10-Jan-2020		Jerry Chen	APPROVAL:	SHEET: 2 / 3	PART NO:	
REV	DATE	FILE	BY	Rory Chen	PROJECTION:	4282-1-0100-XX-SP	

1				2				3				4				5																																																																																																																	
<div><div><div> <u>4282-1-0100-XX-SP</u></div><div></div></div><div><div> TRAY</div><div> 30 TRAYS</div></div><div><div> CARTON</div><div></div></div></div> <div><div><div><div><div><div><div>317.0</div><div>268.0</div><div>13.0</div></div><div>(Assembly Tray)</div></div></div><div><div><div>Note:</div><div>1.Dimension:</div><div>Tray Size:</div><div>317(L)x268(W)x13(H) (mm)</div><div>Carton Size:</div><div>320(L)x290(W)x350(H) (mm)</div><div>2.Quantity:</div><div>30Tray/Carton</div></div></div><table><thead><tr><th>Pin.</th><th>Pcs/Tray</th><th>Tray/Carton</th><th>Pcs/Carton</th></tr></thead><tbody><tr><td>2</td><td>470</td><td>30</td><td>14100</td></tr><tr><td>4</td><td>270</td><td>30</td><td>8100</td></tr><tr><td>6</td><td>190</td><td>30</td><td>5700</td></tr><tr><td>8</td><td>140</td><td>30</td><td>4200</td></tr><tr><td>10</td><td>120</td><td>30</td><td>3600</td></tr><tr><td>12</td><td>100</td><td>30</td><td>3000</td></tr><tr><td>14</td><td>80</td><td>30</td><td>2400</td></tr><tr><td>16</td><td>70</td><td>30</td><td>2100</td></tr><tr><td>18</td><td>60</td><td>30</td><td>1800</td></tr><tr><td>20</td><td>60</td><td>30</td><td>1800</td></tr><tr><td>22</td><td>50</td><td>30</td><td>1500</td></tr><tr><td>24</td><td>50</td><td>30</td><td>1500</td></tr></tbody></table></div></div></div> <table><tr><td></td><td></td><td></td><td></td><td>DRAWN:</td><td>GENERAL TOLERANCE:</td><td colspan="2" rowspan="2">CnC Tech</td><td rowspan="2">Industrial Cable and Connector Technology</td><td rowspan="2">SIZE</td></tr><tr><td></td><td></td><td></td><td></td><td>Jerry Chen</td><td>.X=±0.2</td></tr><tr><td></td><td></td><td></td><td></td><td>CHECKED:</td><td>.XX=±0.15</td><td colspan="2">DESCRIPTION:</td><td rowspan="3">CONN HEADER VERT DUAL 94V-0 PACKING</td><td rowspan="3">A4</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>UNIT: MM</td><td colspan="2">PART NO:</td></tr><tr><td>B</td><td>04-Dec-2023</td><td></td><td>Zongyi</td><td>APPROVAL:</td><td>SCALE:</td><td colspan="2">4282-1-0100-XX-SP</td></tr><tr><td>A</td><td>26-Aug-2019</td><td></td><td>Jerry Chen</td><td></td><td>SHEET: 3 / 3</td><td colspan="2"></td><td></td><td></td></tr><tr><td>REV</td><td>DATE</td><td>FILE</td><td>BY</td><td>Rory Chen</td><td>PROJECTION:</td><td colspan="2"></td><td></td><td></td></tr></table>																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					DRAWN:	GENERAL TOLERANCE:	CnC Tech		Industrial Cable and Connector Technology	SIZE					Jerry Chen	.X=±0.2					CHECKED:	.XX=±0.15	DESCRIPTION:		CONN HEADER VERT DUAL 94V-0 PACKING	A4						UNIT: MM	PART NO:		B	04-Dec-2023		Zongyi	APPROVAL:	SCALE:	4282-1-0100-XX-SP		A	26-Aug-2019		Jerry Chen		SHEET: 3 / 3					REV	DATE	FILE	BY	Rory Chen	PROJECTION:				
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