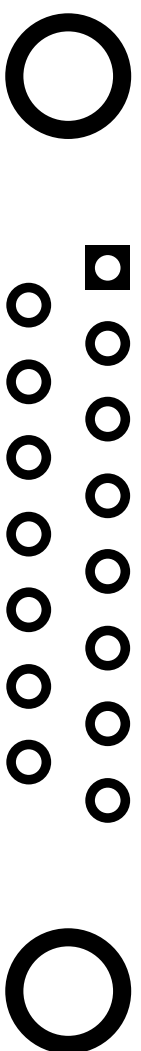
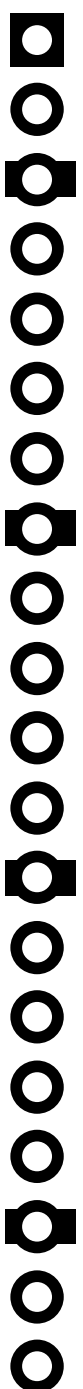
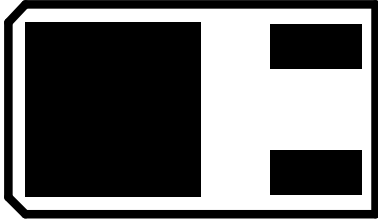
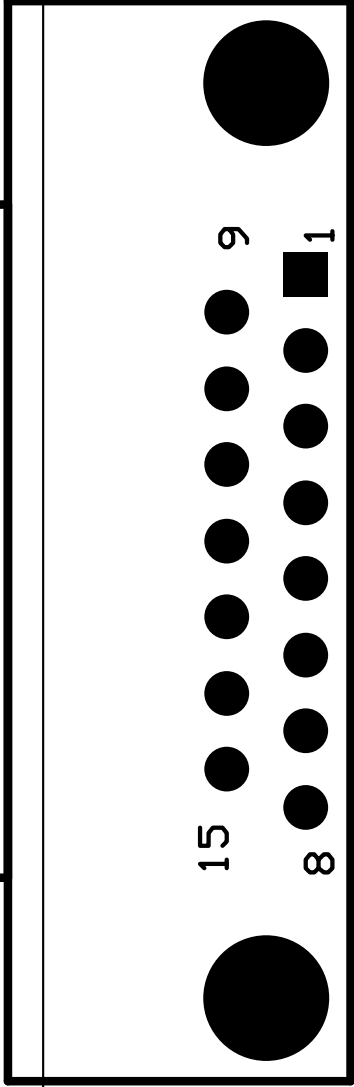
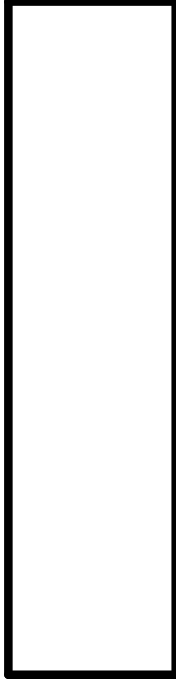


2814-304-1





J1

15

9

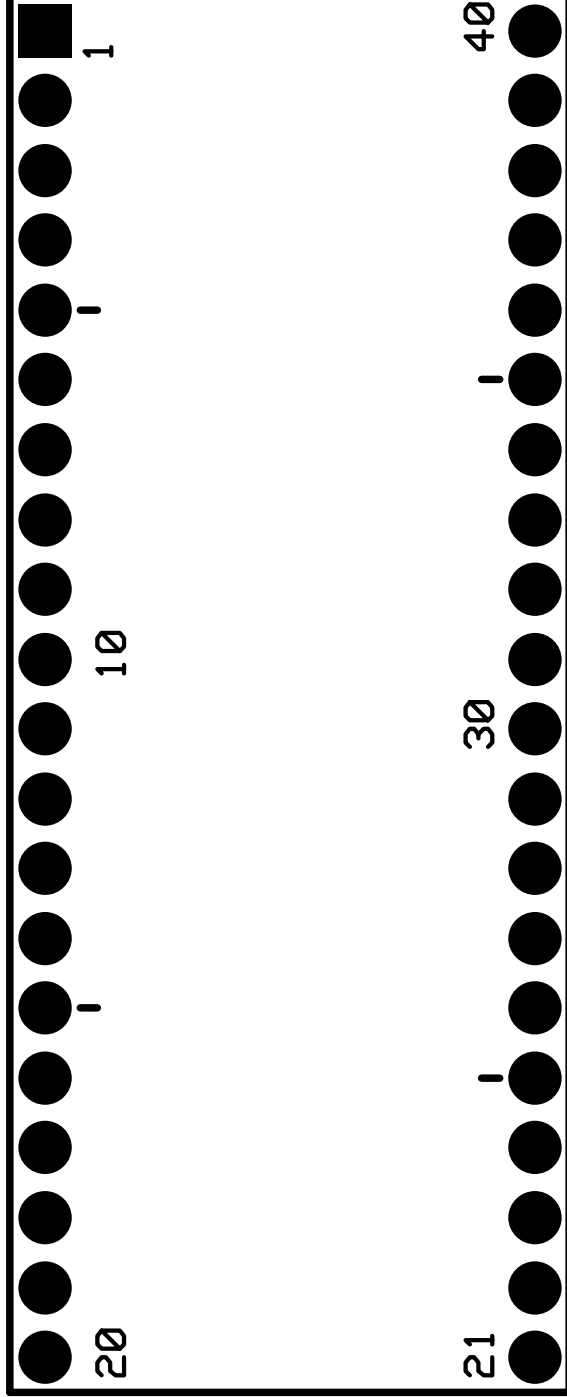
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19

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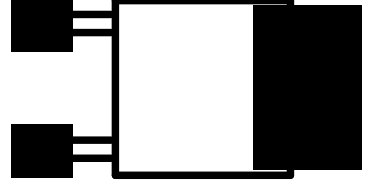
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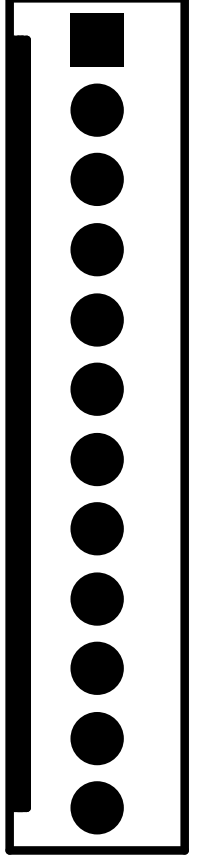


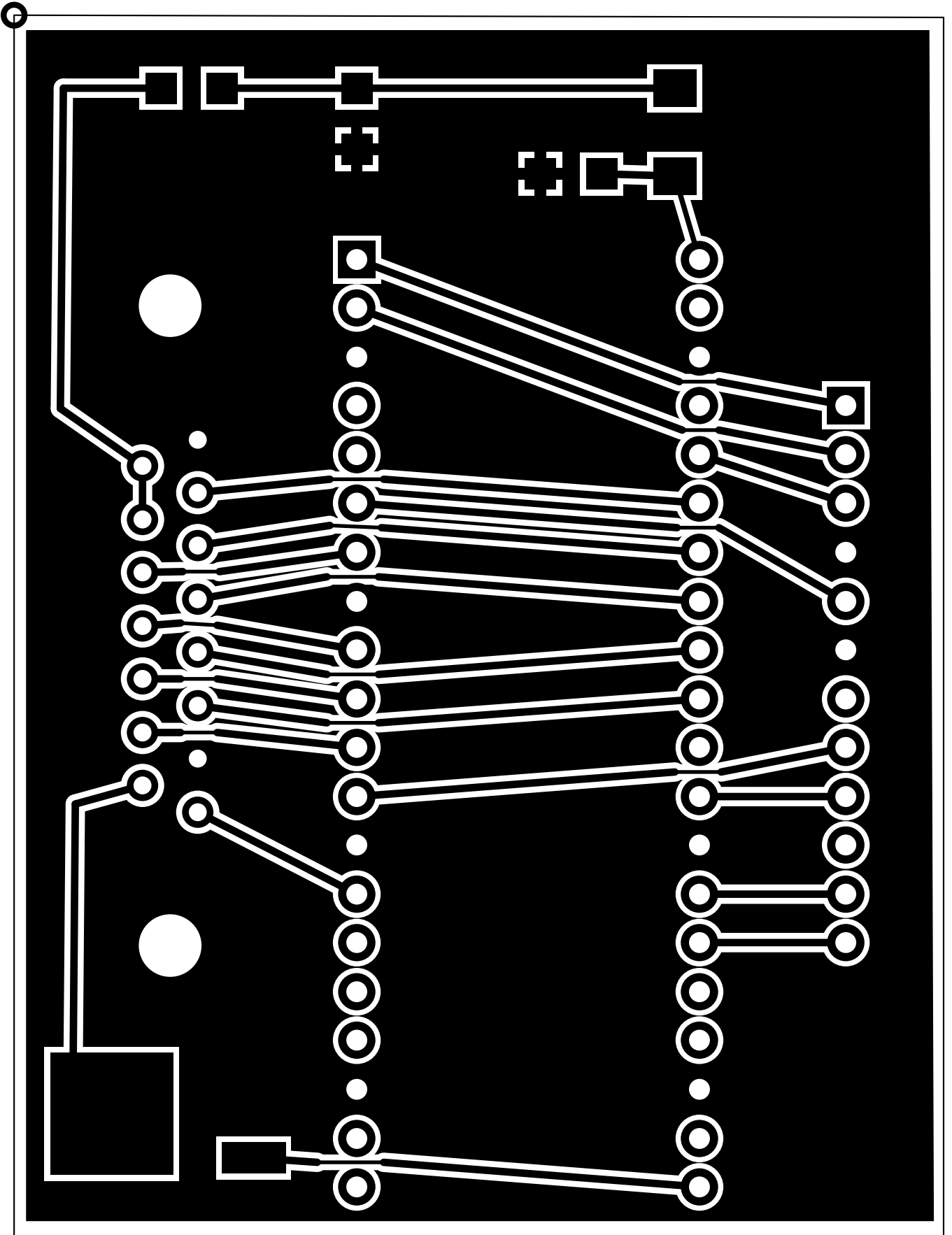
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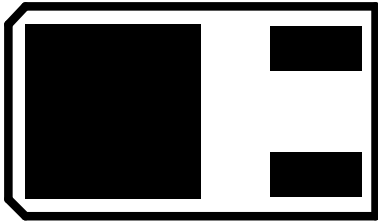
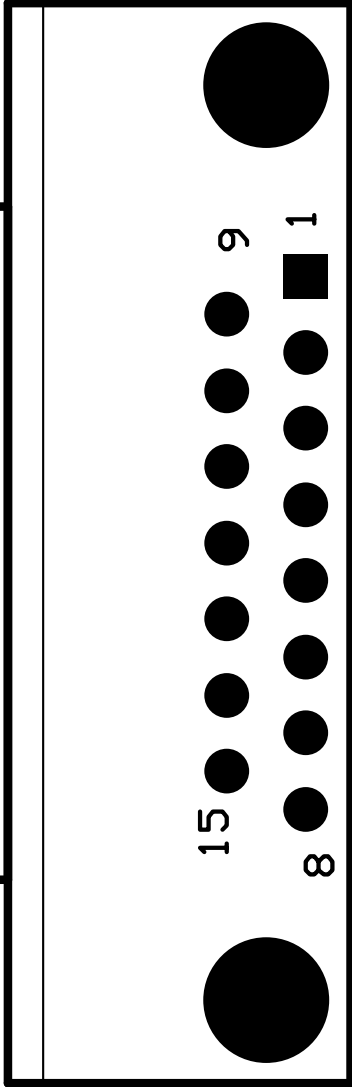
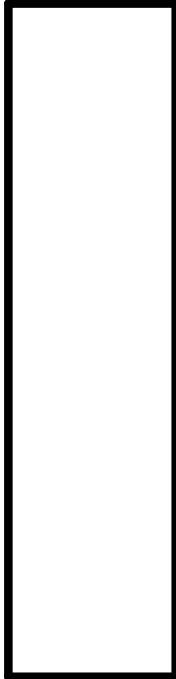


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J2







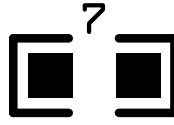
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J1

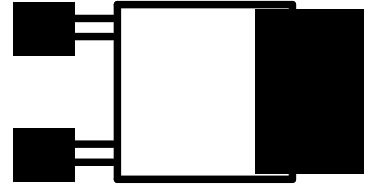


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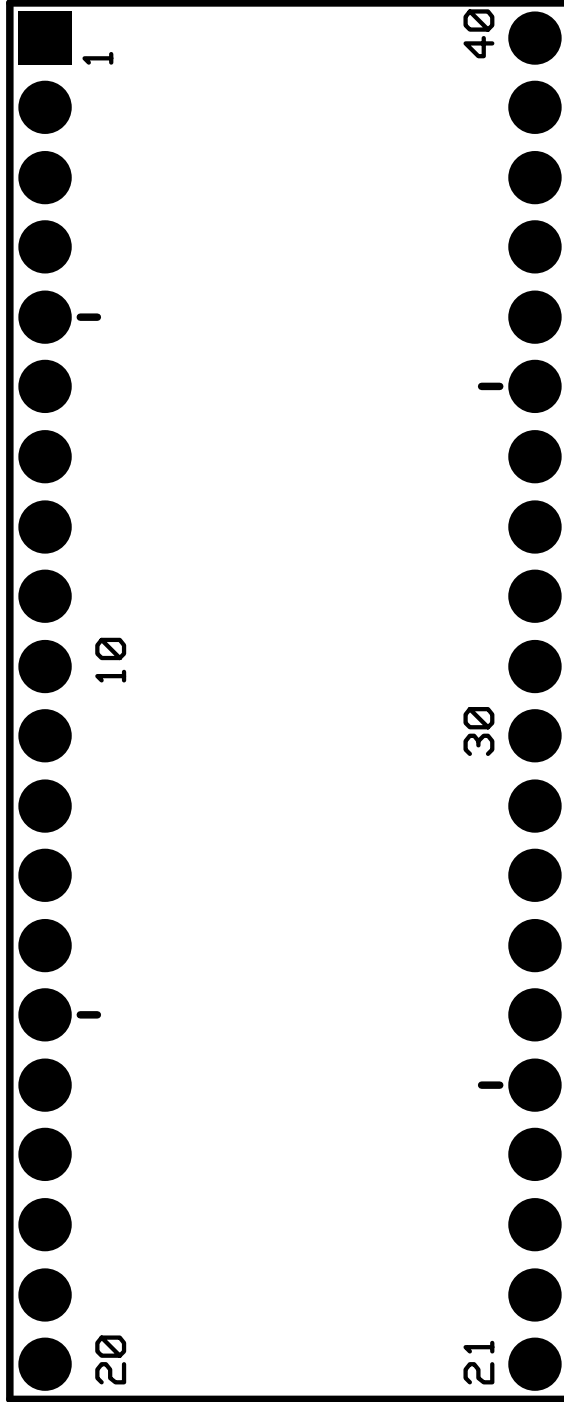
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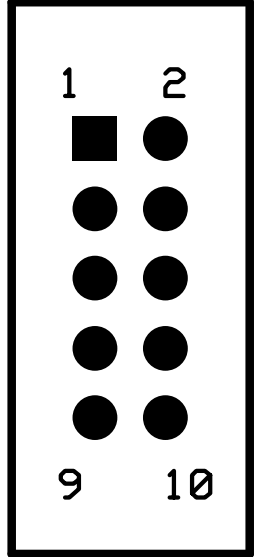
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J3

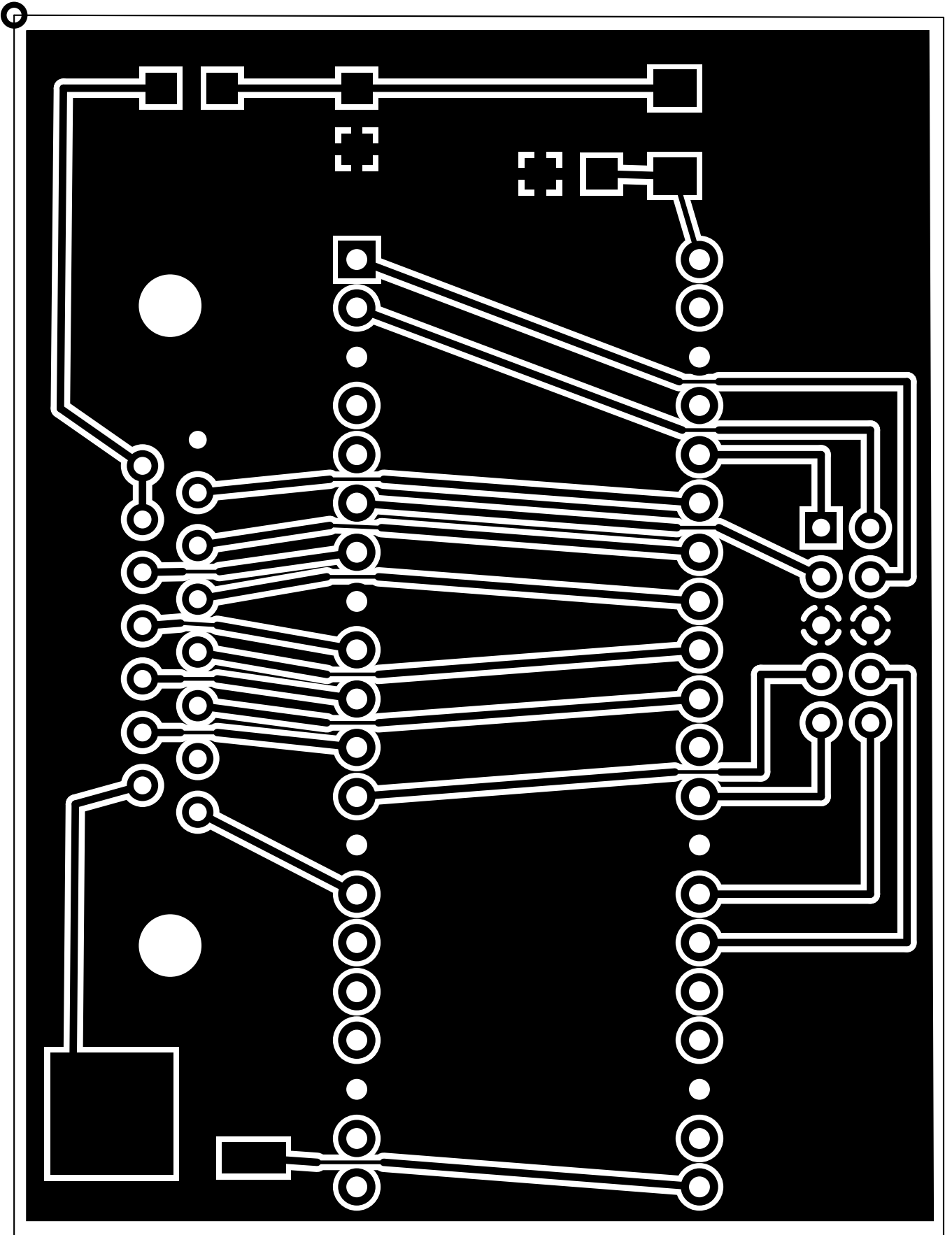


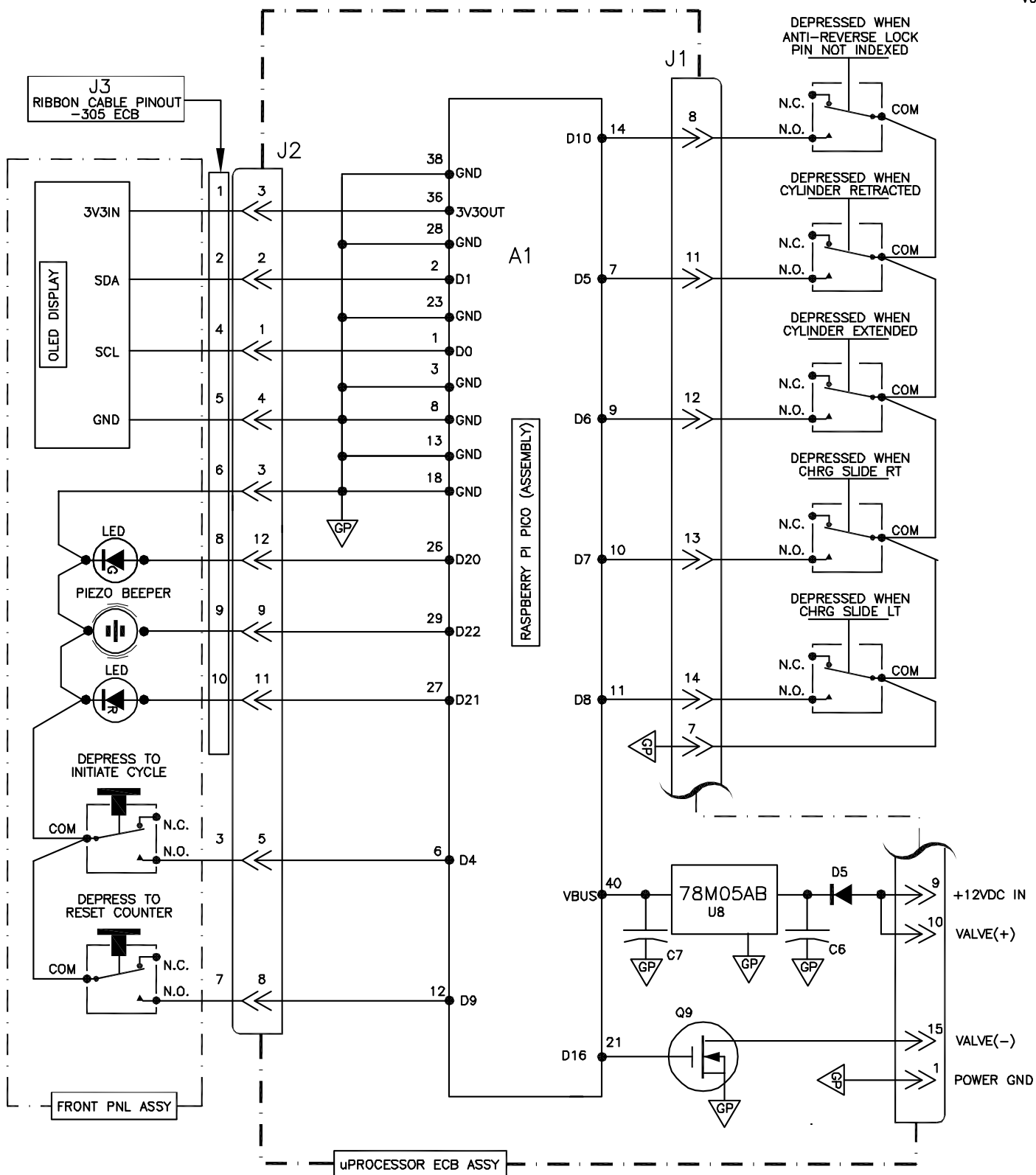
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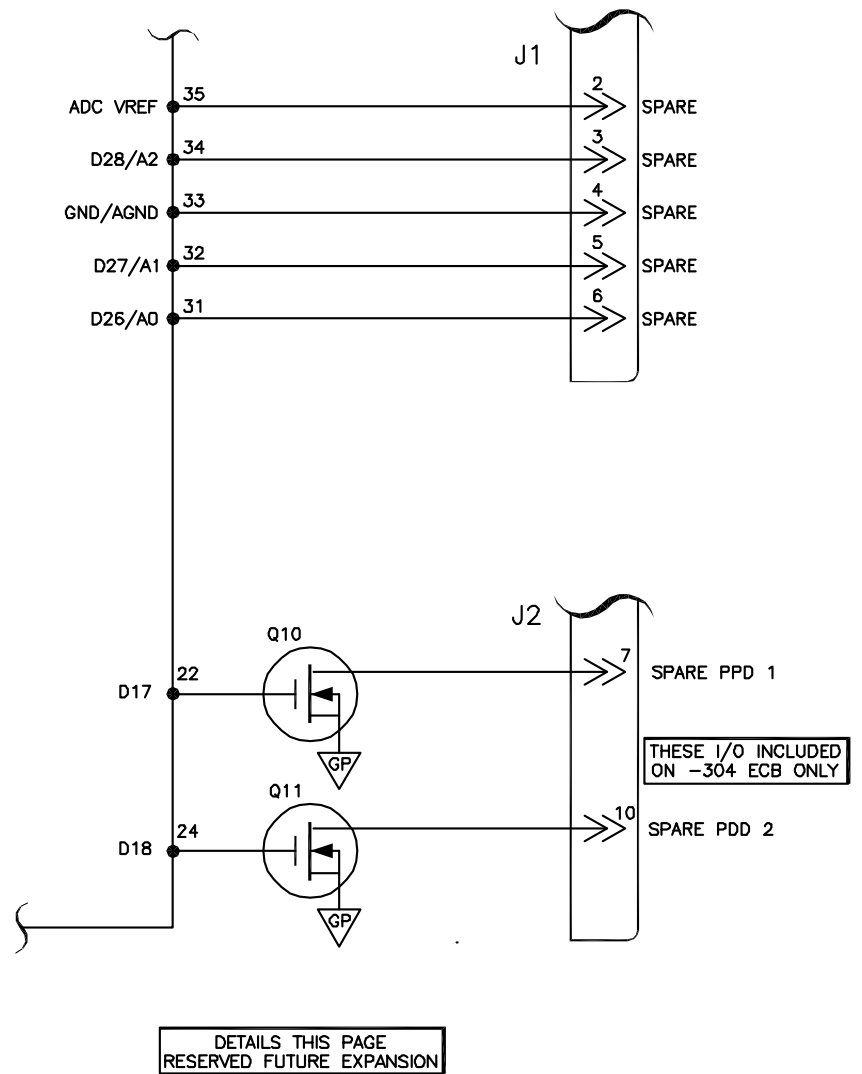
10





GP = TOP SURFACE GROUND PLANE

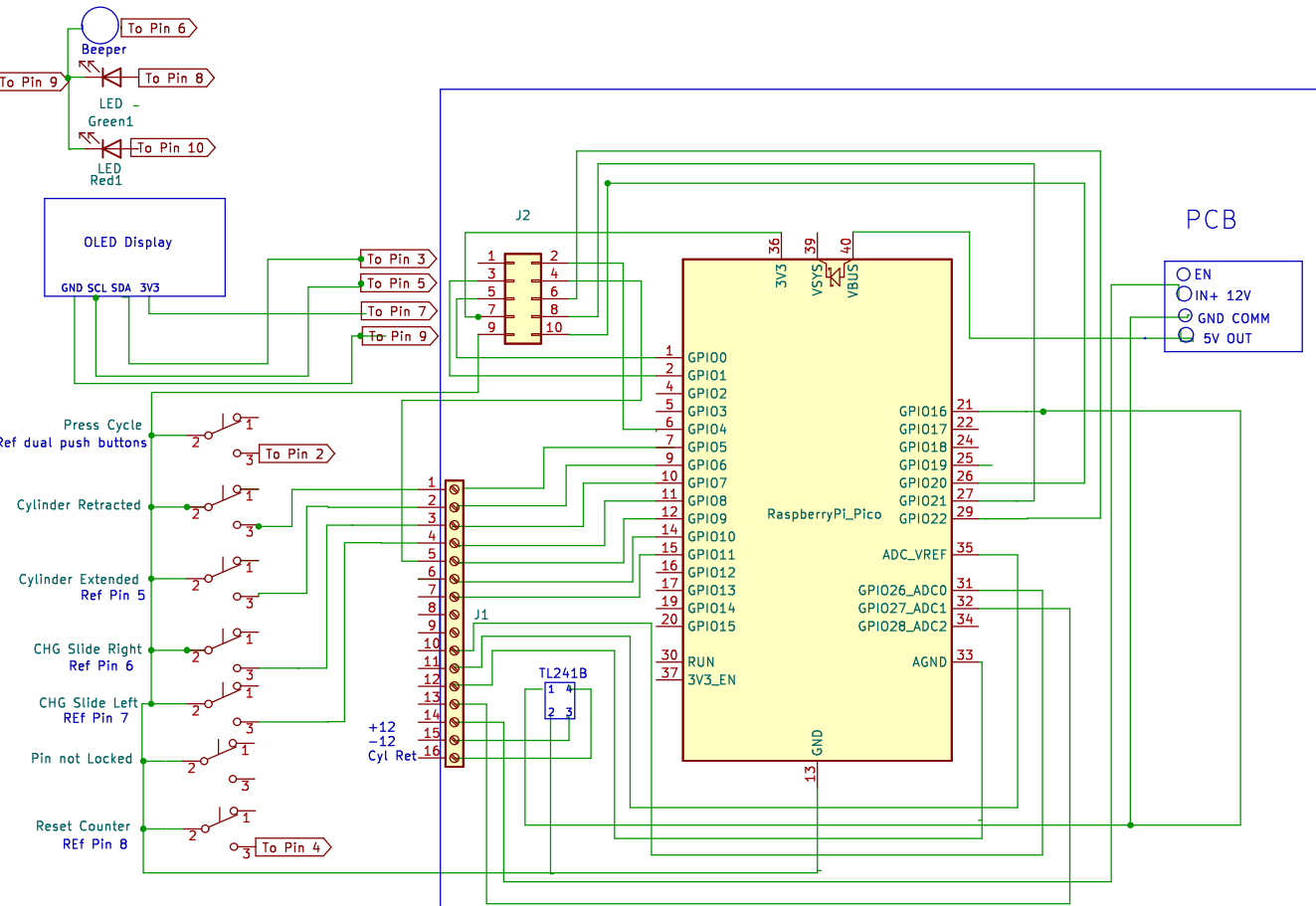
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9814-601 WIRING DIAG	2.0



TITLE	PAGE
9814-600 WIRING DIAGAM	2.1

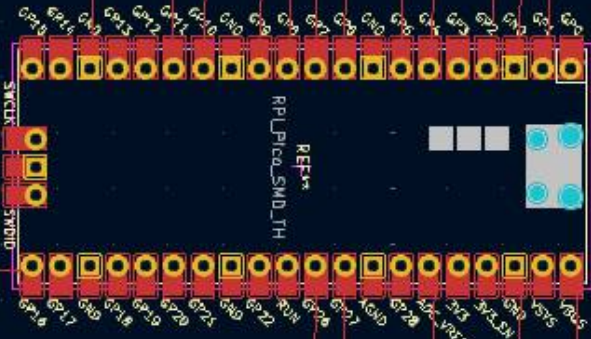
RP_PICO	NAME	FUNCT	J1 MACHINE	J2 (-304) PANEL	J3 (-305) PANEL	
1	D0	DISP SCL		J2-1	J3-4	
2	D1	DISP SDA		J2-2	J3-2	
3	GND	DISP Vss		J2-6		
4	D2	N.C.				
5	D3	N.C.				
6	D4	CYCLE SWITCH		J2-5	J3-3	
7	D5	CYL RETR	J1-11			
8	GND	GROUND_PLANE				
9	D6	CYL XTND	J1-12			
10	D7	SLIDE RT	J1-13			
11	D8	SLIDE LT	J1-14			
12	D9	RESET CNTR		J2-8	J3-7	
13	GND	GROUND_PLANE				
14	D10	AR PIN NOT INDEXED	J1-8			
15	D11	N.C.				
16	D12	N.C.				
17	D13	N.C.				
18	GND	GROUND_PLANE				
19	D14	N.C.				
20	D15	N.C.				
21	D16	SOLENOID DRIVE				Q9-GATE
22	D17	RESERVED		J2-7		
23	GND	GROUND_PLANE				
24	D18	RESERVED		J2-10		
25	D19	N.C.				
26	D20	RED LED		J2-12	J3-8	
27	D21	GRN LED		J2-11	J3-10	
28	GND	GROUND_PLANE		J2-4		
29	D22	BEEP		J2-9	J3-9	
30	RUN	N.C.				
31	D26/A0	RESERVED	J1-6			
32	D26/A0	RESERVED	J1-5			
33	GND/AGND	RESERVED	J1-4			
34	D28/A2	RESERVED	J1-3			
35	VREF	RESERVED	J1-2			
36	3V3OUT	DISP Vdd		J2-3	J3-1	
37	3V3_EN	N.C.				
38	GND	GROUND_PLANE				
39	VSYS	N.C.				
40	VBUS	PICO 5Vdd	U8-OUT			
	12VDC(+)	DC POWER INPUT	J1-9			
	12VDC(-)	POWER GROUND	J1-1			
	SOLND(+)	SOLENOID SOURCE	J1-10			

SOLND(-)	SOLENOID RETRUN	J1-15			Q9-DRAIN
PNL GND	GROUND PLANE		J2-4	J3-5	
MCH GND	MECHANISM GROUND	J1-7			





TerminalBlock_PND_205-0001A_1x08_P5.00mm_Horiz TerminalBlock_PND_205-0001A_1x08_P5.00mm_Horiz



Copper keepouts shown on Dwgs layer

