

HSF

NOTES:

1. Insulator material: PA9T+33%G.F, UL94 V-0;
2. Terminal material: Copper Alloy;
Terminal Plating: Au/Sn Plated Over Nickel ;
3. Rated Voltage: Signal 50V; Power 600V 
4. Rated Current: Signal 2.5A; Power 30A;
5. Contact Resistance:
Power 0.7mΩ Max; Signal 20mΩ Max;
6. Insulation Resistance: DC500V
Power 10000MΩ Min; Signal 500MΩ Min;
7. Insulation Withstand Voltage:
Power 2500VAC/1min; Signal 1000VAC/1min ;
8. Durability :200 cycling;
9. Operation Temperature: -20°C to +105°C;

P3MS A - XX - XXX XX XX X X A 1

No. Left Power:
01=1Pin
20=20Pin

No. Signal:
004=4Pin
008=8Pin
100=100Pin
104=104Pin
144=144Pin
148=148Pin

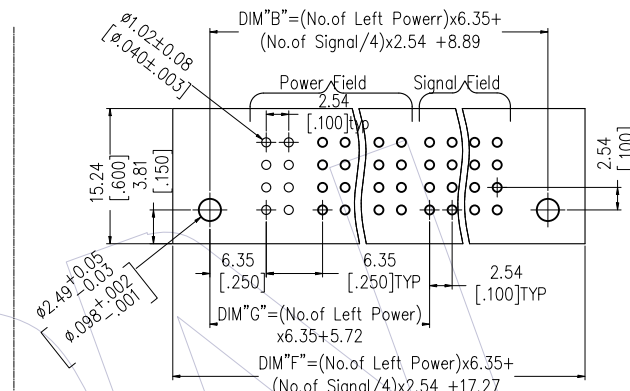
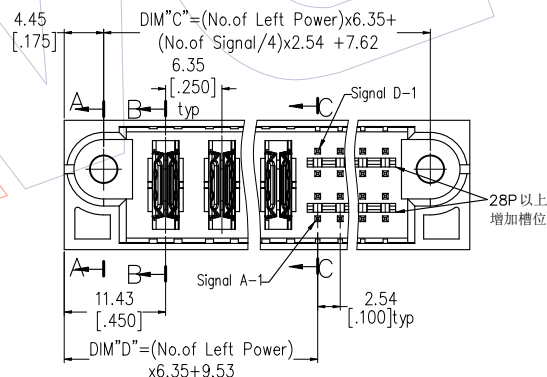
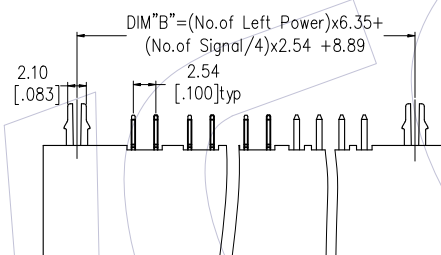
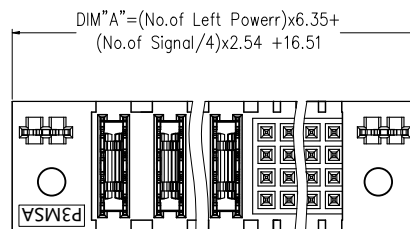
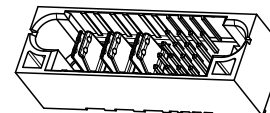
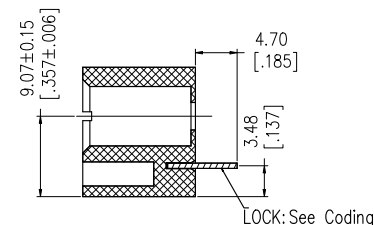
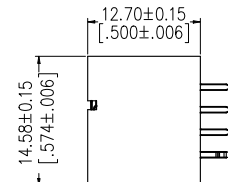
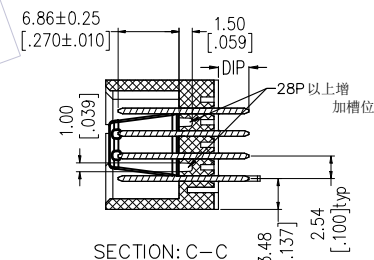
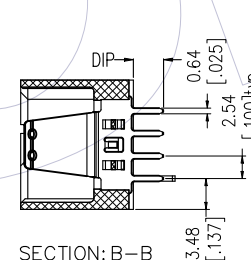
Power Contact Plated:
W3=10u" Gold /Matte Tin
W4=15u" Gold /Matte Tin
W5=30u" Gold /Matte Tin

Signal Contact Plated:
W3=10u" Gold /Matte Tin
W4=15u" Gold /Matte Tin
W5=30u" Gold /Matte Tin

Tail Options(DIP Type):
A=3.43mm
B=2.29mm
C=4.19mm

Packing:
A=Tray

Fixed Mode:
M: W/T Lock
N: W/O Lock

Recommended P.C.B Layout(Top Side)
(PCB BOARD TOLERANCE±0.05)

				OPERATION		DRAW XSR	DATE 2024/09/07	SCALE	FIT	PART NO. P3MSA-XX-XXXXXXXXXA1	 Http: www.wcon.com WCON-Dongguan Tel: +86 769 85358920 Fax: +86 769 85358915 E-mail: sales@wcon.com WCON-Kunshan Tel: +86 512 57468408 Fax: +86 512 57468468 E-mail: salesks@wcon.com	
A2	2024/09/07	Cancel Xu”Gold/Tin Plated	XSR	x.x	±0.40			UNIT	<u>mm</u> inch			
A1	2022/03/25	Modify Notes	——	x.xx	±0.25	CHECK	DATE	SIZE	A4	TITLE:		
A0	2018/10/10	NEW	——	x.xxx	±0.15			SHEET	1/2	PSP Spacing A 180° DIP MALE (TYPE-3: Left Power+2.54Signal)		
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle	± 3°	APPROVE	DATE	PROJ.		Customer NO.		
				DIM	TOL							

WCON
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Product Data Sheet

No.	P/N	No. Left Power	No. Signal	DIM "A"	DIM "B"	DIM "C"	DIM "D"	DIM "F"	DIM "G"
1	P3MSA-18-044XXXXXXXXA1	18	44	158.75	151.13	149.86	123.83	159.51	120.02
2	P3MSA-14-024XXXXXXXXA1	14	24	120.65	113.03	111.76	98.43	121.41	94.62
3	P3MSA-12-020XXXXXXXXA1	12	20	105.41	97.79	96.52	85.73	106.17	81.92
4	P3MSA-11-024XXXXXXXXA1	11	24	101.60	93.98	92.71	79.38	102.36	75.57
5	P3MSA-10-024XXXXXXXXA1	10	24	95.25	87.63	86.36	73.03	96.01	69.22
6	P3MSA-10-012XXXXXXXXA1	10	12	87.63	80.01	78.74	73.03	88.39	69.22
7	P3MSA-08-044XXXXXXXXA1	8	44	95.25	87.63	86.36	60.33	96.01	56.52
8	P3MSA-08-024XXXXXXXXA1	8	24	82.55	74.93	73.66	60.33	83.31	56.52
9	P3MSA-08-016XXXXXXXXA1	8	16	77.47	69.85	68.58	60.33	78.23	56.52
10	P3MSA-08-008XXXXXXXXA1	8	8	72.39	64.77	63.50	60.33	73.15	56.52
11	P3MSA-07-040XXXXXXXXA1	7	40	86.36	78.74	77.47	53.98	87.12	50.17
12	P3MSA-06-036XXXXXXXXA1	6	36	77.47	69.85	68.58	47.63	78.23	43.82
13	P3MSA-06-024XXXXXXXXA1	6	24	69.85	62.23	60.96	47.63	70.61	43.82
14	P3MSA-06-020XXXXXXXXA1	6	20	67.31	59.69	58.42	47.63	68.07	43.82
15	P3MSA-04-032XXXXXXXXA1	4	32	62.23	54.61	53.34	34.93	62.99	31.12
16	P3MSA-04-024XXXXXXXXA1	4	24	57.15	49.53	48.26	34.93	57.91	31.12
17	P3MSA-04-020XXXXXXXXA1	4	20	54.61	46.99	45.72	34.93	55.37	31.12
18	P3MSA-04-016XXXXXXXXA1	4	16	52.07	44.45	43.18	34.93	52.83	31.12
19	P3MSA-03-016XXXXXXXXA1	3	16	45.72	38.10	36.83	28.58	46.48	24.77
20	P3MSA-03-004XXXXXXXXA1	3	4	38.10	30.48	29.21	28.58	38.86	24.77
21	P3MSA-02-016XXXXXXXXA1	2	16	39.37	31.75	30.48	22.23	40.13	18.42
22	P3MSA-02-012XXXXXXXXA1	2	12	36.83	29.21	27.94	22.23	37.59	18.42
23	P3MSA-02-008XXXXXXXXA1	2	8	34.29	26.67	25.40	22.23	35.05	18.42
24	P3MSA-02-004XXXXXXXXA1	2	4	31.75	24.13	22.86	22.23	32.51	18.42
25	P3MSA-01-036XXXXXXXXA1	1	36	45.72	38.10	36.83	15.88	46.48	12.07

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