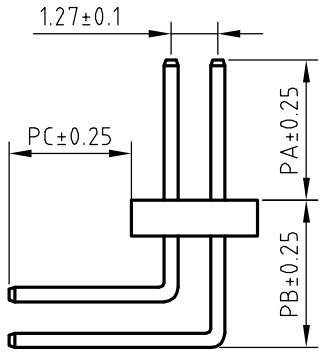
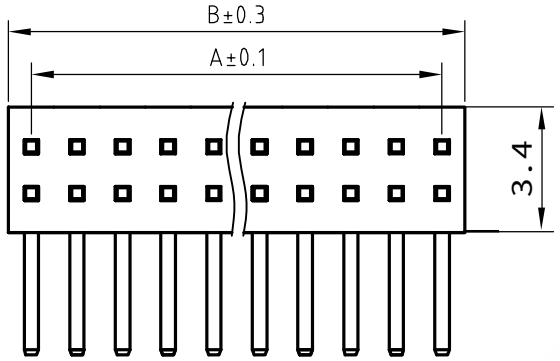
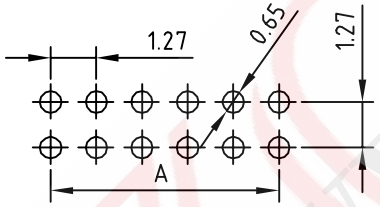
SAMZO | REAC/ROHS

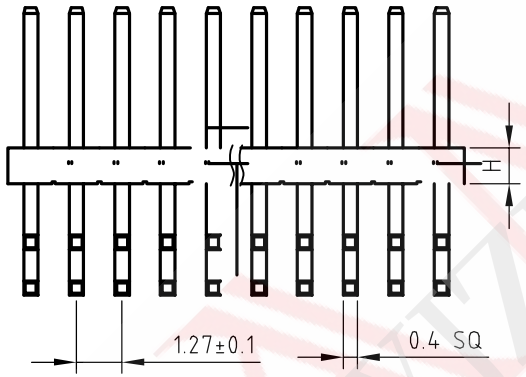
REV	ECN NO	DESRIPTION	DESIGN	APPROVAL	DATE
A1	NEW	Replace frame			2013.06.21







RECOMMEND P.C.B LAYOUT
PCB TOLERANCE: ±0.05 (TOP VIEW)



A. 名称：5A-排针
B. 间距：I-1.27mm
C. 方式：W-90° DIP
D. 塑高(H)：2-1.5mm
E: 总长(L)：35-3.5mm
F: 针长(PA)：20-2.0
G: 针数：202-2*2P(2-50PIN)
H: 定位：W-无定位
I: 物料编码：0-常规

5A	I	W	2	35	20	2NP	W	0
A	B	C	D	E	F	G	H	I

SPECIFICATIONS

Current Rating: 1.0 Amps
Withstanding Voltage: AC 500V
Insulation Resistance: 1000MΩ Min
Contact Resistance: 20mΩ Max
Operation Temperature: -40° to+105°
Insrlator Material: Polyester(UL94V-0)
Contact Material: Brass
Standard: PA6T
Contact Plating: Gold Flash
Max.Processing Temp: 240° C for30-60seconds
(260° C for5seconds)

Code Description

Options	PA	PB	PC	H
Standard	2.0	4.0	2.0	1.5
Specified				

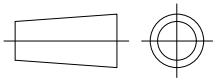
No. of Contacts	DIMENSIONS A	DIMENSIONS B	No. of Contacts	DIMENSIONS A	DIMENSIONS B
1	0	1.27	26	31.75	33.02
2	1.27	2.54	27	33.02	34.29
3	2.54	3.81	28	34.29	35.56
4	3.81	5.08	29	35.56	36.83
5	5.08	6.35	30	36.83	38.10
6	6.35	7.62	31	38.10	39.37
7	7.62	8.89	32	39.37	40.64
8	8.89	10.16	33	40.64	41.91
9	10.16	11.43	34	41.91	43.18
10	11.43	12.70	35	43.18	44.45
11	12.70	13.97	36	44.45	45.72
12	13.97	15.24	37	45.72	46.99
13	15.24	16.51	38	46.99	48.26
14	16.51	17.78	39	48.26	49.53
15	17.78	19.05	40	49.53	50.80
16	19.05	20.32	41	50.80	52.07
17	20.32	21.59	42	52.07	53.34
18	21.59	22.86	43	53.34	54.61
19	22.86	24.13	44	54.61	55.88
20	24.13	25.40	45	55.88	57.15
21	25.40	26.67	46	57.15	58.42
22	26.67	27.94	47	58.42	59.69
23	27.94	29.21	48	59.69	60.96
24	29.21	30.48	49	60.96	62.23
25	30.48	31.75	50	62.23	63.50

ITEM	DESCRIPTION	MATERIAL	QTY	FINSH/COLOR
1	针	黄铜	N	镀金
2	主体	PA6T	1	黑色

DESIGN	WANGGUIFA	2018.06.12	
CHECKED	ZHENGUILAN	2018.06.12	
APPROVED	LILIANJIANG	2018.06.14	

GENERAL TOLERANCE	
⩾0~2<	±0.15
⩾2~5<	±0.25
⩾0~2<	±0.15
⩾5	±0.35

FIRST VIEW



SCALE 1:1 UNIT mm

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SAMZO COMPONENTS
Electronic switch and connector manufacturer

TITLE:: 1.27PH 2*NP H1.5 PA2.0 90°DIP
DWG NO：5AIW2-P69100
PART NO：5AIW21809741
MODEL NO：5AIW2-3520-2NP-W0
NAME：PIN-H CONNECTOR