

HSF

NOTES:

Rated Current: 1.5AMP.(20°C,1*2P-1*15P)

1.0AMP.(20°C,1*16P-1*50P) $\triangle A3$

Contact Resistance: 20mΩ Max.

Withstand Voltage: 500V AC/DC

Insulation Resistance: 1000MΩ Min.

Operation Temperature: -40°C to +125°C(Gold Plating)

-40°C to +105°C(Tin Plating) $\triangle A3$

Contact Material: Copper Alloy

Contact Plating: Au or Sn Over 30u" Min Ni

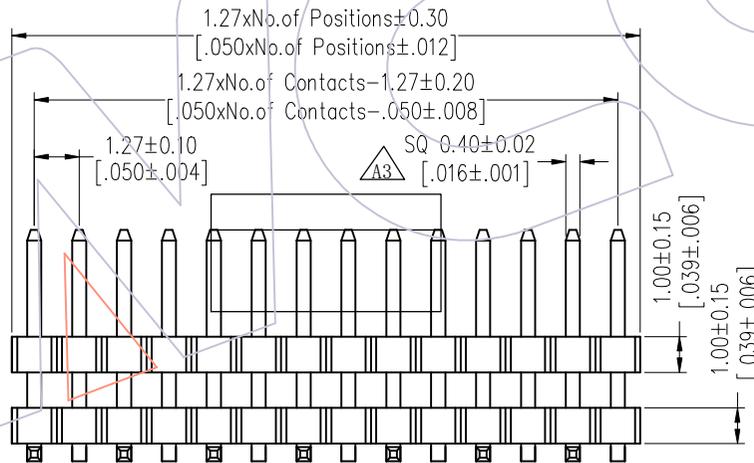
Insulator Material: PA9T+G.F UL94V-0 BK $\triangle A3$

Ordering Information

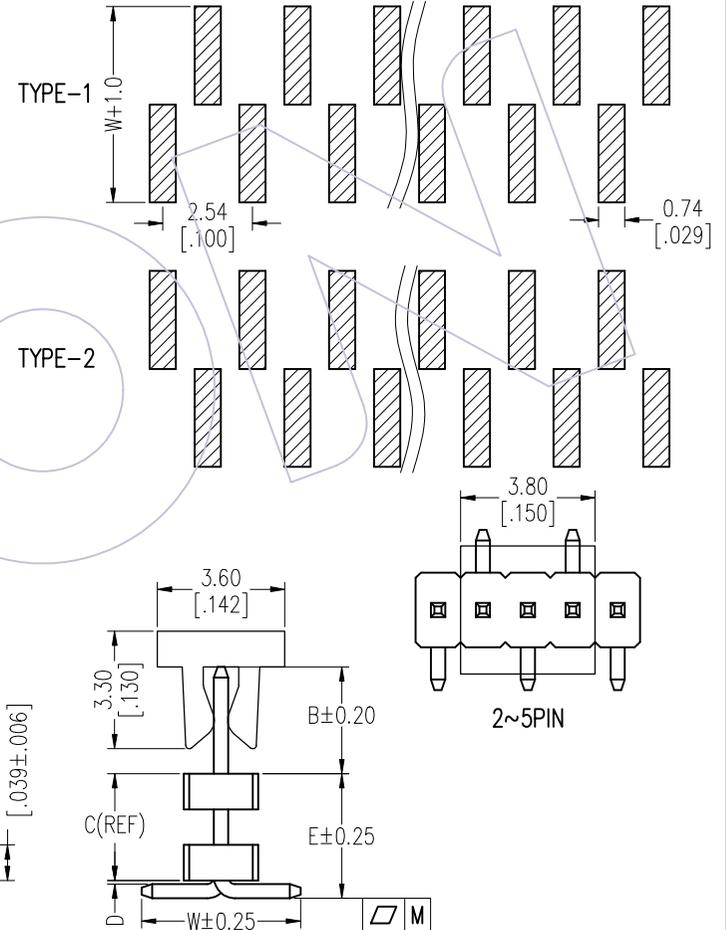
1310-2 1 XX XX M XXX C X XX $\triangle A3$

Plastic Layer
 Plastic Row
 No. of Pins
 Per Row: 02-50
 Contact Plating
 G0=Gold Flash
 G3=10u"Au, BG3=8u"PdNi+2u"Au
 G4=15u"Au, BG4=13u"PdNi+2u"Au
 G5=30u"Au, BG5=28u"PdNi+2u"Au
 S0=Gold Flash/Tin
 S3=10u"Au/Sn, P3=8u"PdNi+2u"Au/Sn
 S4=15u"Au/Sn, P4=13u"PdNi+2u"Au/Sn
 S5=30u"Au/Sn, P5=28u"PdNi+2u"Au/Sn
 SN=Bright Tin
 SM=Matte Tin

Series No.
 01-99
 Packing
 T=Tube
 P=Tube+CAP
 R=Tape & Reel+CAP
 Insulator Material
 C=PA9T(Standard)
 Pin Length
 L(See Table)
 Type:
 M=SMT



Recommended P.C.B Layout (Top Side) (PCB BOARD TOLERANCE±0.05) (PCB Thickness:T=1.60m)



	TITLE	PART NO.	SPEC. $\triangle A3$
$\triangle A3$	PIN 2-15P 16-30P 31-50P	TYPE 1	1310-21XXXXMXXXCX01
	M 0.10 0.15 0.20	TYPE 2	1310-21XXXXMXXXCX02
			DUAL/ODD PINS
			DUAL PINS

REV	DATE	MODIFICATION DESCRIPTION	CHANGE	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.
A3	2025/09/11	Standardization Drawing	CP	OPERATION	DRAW	2025/09/11	UNIT	mm	1310-21XXXXMXXXCXXX $\triangle A3$
A2	2018/09/04	MODIFY	Ding	x.X ±0.40	CP		SIZE	A4	TITLE: 1.27 Pin Header, SINGLE ROW, SMT, DOUBLE PLASTIC, H=1.0
A1	2018/01/12	MODIFY PART NO.	William Chen	x.XX ±0.25	CHECK	2025/09/11	SHEET	1/11	Customer NO.
A0	2012/03/12	NEW	William Chen	x.XXX ±0.15	TANG		PROJ.		
				Angle ± 3°	APPROVE	2025/09/11			
				DIM TOL	Steven Zhao				

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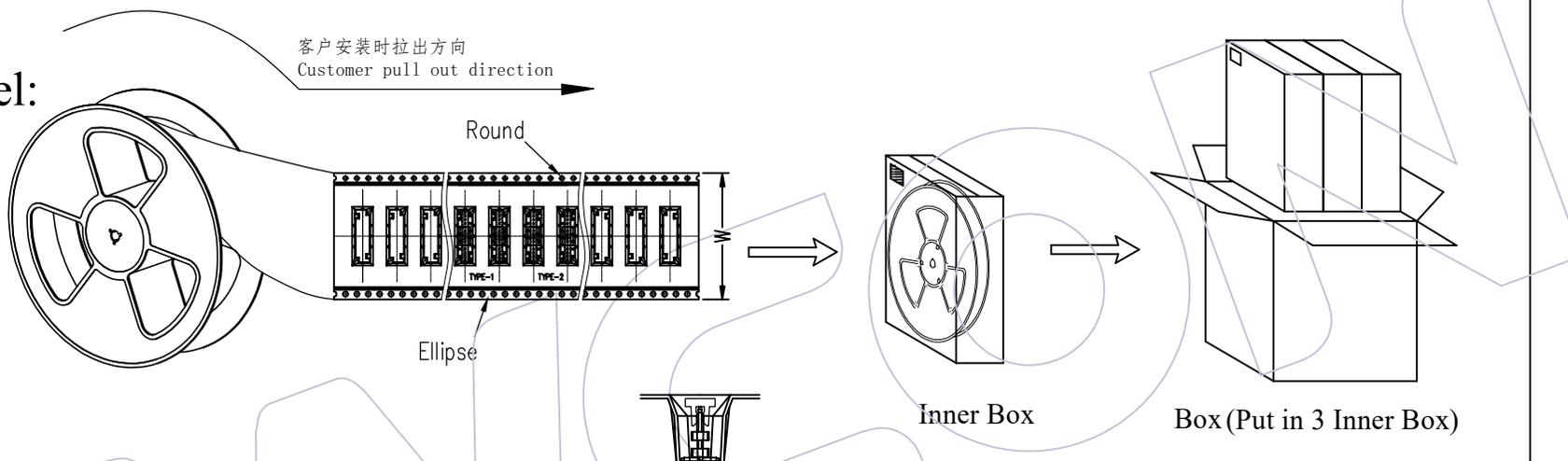
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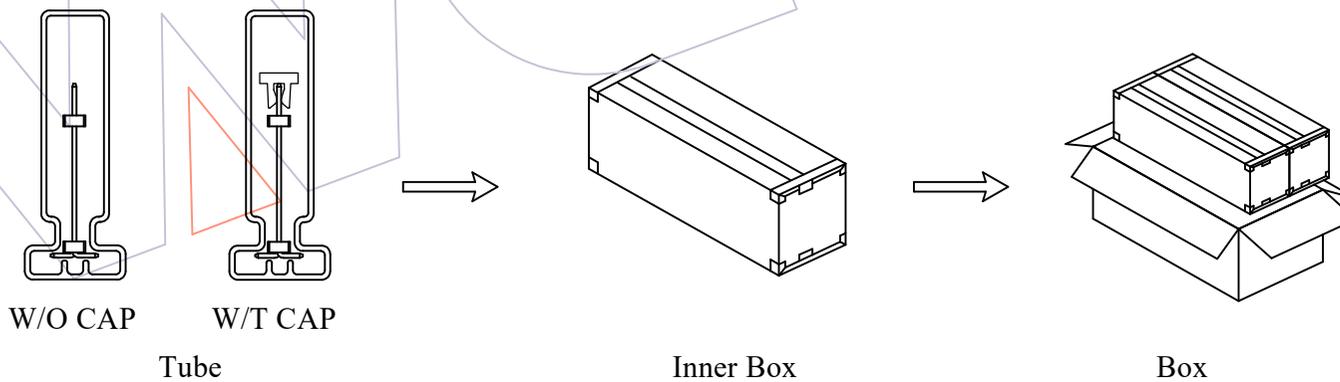
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Packing:

Reel:



Tube:



A3	2025/09/11	Standardization Drawing	CP	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.
A2	2018/09/04	MODIFY	Ding	x.X ±0.40	CP	2025/09/11	UNIT	mm [inch]	1310-21XXXXMXXXCXXX
A1	2018/01/12	MODIFY PART NO.	William Chen	x.XX ±0.25	CHECK	DATE	SIZE	A4	TITLE:
A0	2012/03/12	NEW	William Chen	x.XXX ±0.15	TANG	2025/09/11	SHEET	2/11	1.27 Pin Header, SINGLE ROW, SMT, DOUBLE PLASTIC, H=1.0
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3°	APPROVE	DATE	PROJ.		Customer NO.
				DIM TOL	Steven Zhao	2025/09/11			

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Table 1

Packaging Quantity Refers To The Following Table

Item	Pin Length	W	C	D	E	B	Mating		
Standard	7.8	4.50	0.10		4.0	2.0	2321/2320T		
	8.8					3.0	2334/2344/2346		
	9.3					3.5	2357		
	10.3					4.5	2345/2385		
	9.3					5.0	5.5	2.0	2321/2320T
	10.3							3.0	2334/2344/2346
	10.8							3.5	2357
	11.8							4.5	2345/2385
	11.3					7.0	7.5	2.0	2321/2320T
	12.3							3.0	2334/2344/2346
	12.8							3.5	2357
	13.8					9.7	10.2	4.5	2345/2385
	14.0							2.0	2321/2320T
	15.0							3.0	2334/2344/2346
	15.5							3.5	2357
	16.5					10.8	11.3	4.5	2345/2385
	15.0							2.0	2321/2320T
	16.0							3.0	2334/2344/2346
	16.5							3.5	2357
	17.5					12.8	13.3	4.5	2345/2385
	17.0							2.0	2321/2320T
	18.0							3.0	2334/2344/2346
	18.5							3.5	2357
	19.5								
Alternate									

PINS	Q' ty/Tube	Q' ty/Inner Box	Q' ty/Box
4	107	8,560	17,120
5	87	6,960	13,920
6	73	5,840	11,680
7	63	5,040	10,080
8	55	4,400	8,800
9	49	3,920	7,840
10	44	3,520	7,040
11	40	3,200	6,400
12	37	2,960	5,920
13	34	2,720	5,440
14	32	2,560	5,120
15	29	2,320	4,640
16	28	2,240	4,480
17	26	2,080	4,160
18	25	2,000	4,000
19	23	1,840	3,680
20	22	1,760	3,520
21	21	1,680	3,360
22	20	1,600	3,200
23	19	1,520	3,040
24	18	1,440	2,880
25	18	1,440	2,880
26	17	1,360	2,720
27	16	1,280	2,560

PINS	Q' ty/Tube	Q' ty/Inner Box	Q' ty/Box
28	16	1,280	2,560
29	15	1,200	2,400
30	15	1,200	2,400
31	14	1,120	2,240
32	14	1,120	2,240
33	13	1,040	2,080
34	13	1,040	2,080
35	12	960	1,920
36	12	960	1,920
37	12	960	1,920
38	11	880	1,760
39	11	880	1,760
40	11	880	1,760
41	11	880	1,760
42	10	800	1,600
43	10	800	1,600
44	10	800	1,600
45	10	800	1,600
46	9	720	1,440
47	9	720	1,440
48	9	720	1,440
49	9	720	1,440
50	9	720	1,440

A3	2025/09/11	Standardization Drawing	CP	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.
A2	2018/09/04	MODIFY	Ding	x.X ±0.40	CP	2025/09/11	UNIT	mm [inch]	1310-21XXXXMXXXCXXX
A1	2018/01/12	MODIFY PART NO.	William Chen	x.xx ±0.25	CHECK	DATE	SIZE	A4	TITLE:
A0	2012/03/12	NEW	William Chen	x.xxx ±0.15	TANG	2025/09/11	SHEET	3/11	1.27 Pin Header, SINGLE ROW, SMT, DOUBLE PLASTIC, H=1.0
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3°	APPROVE	DATE	PROJ.		Customer NO.
				DIM TOL	Steven Zhao	2025/09/11			



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Packaging Quantity Refers To The Following Table

E=4.0,B=2.0

PINS	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
2	12	650	3,900	11,700
3	16	650	2,600	7,800
4	16	650	2,600	7,800
5	24	650	1,950	5,850
6	24	650	1,950	5,850
7	24	650	1,950	5,850
8	24	650	1,950	5,850
9	24	650	1,950	5,850
10	24	650	1,950	5,850
11	32	650	1,300	3,900
12	32	650	1,300	3,900
13	32	650	1,300	3,900
14	32	650	1,300	3,900
15	44	650	1,300	3,900
16	44	650	1,300	3,900
17	44	650	1,300	3,900
18	44	650	1,300	3,900
19	44	650	1,300	3,900
20	44	650	1,300	3,900
21	44	650	1,300	3,900
22	44	650	1,300	3,900
23	44	650	1,300	3,900
24	56	650	650	1,950
25	56	650	650	1,950
26	56	650	650	1,950

E=4.0,B=2.0

PINS	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
27	56	650	650	1,950
28	56	650	650	1,950
29	56	650	650	1,950
30	56	650	650	1,950
31	56	650	650	1,950
32	56	650	650	1,950
33	56	650	650	1,950
34	72	650	650	1,950
35	72	650	650	1,950
36	72	650	650	1,950
37	72	650	650	1,950
38	72	650	650	1,950
39	72	650	650	1,950
40	72	650	650	1,950
41	72	650	650	1,950
42	72	650	650	1,950
43	72	650	650	1,950
44	72	650	650	1,950
45	88	650	650	1,950
46	88	650	650	1,950
47	88	650	650	1,950
48	88	650	650	1,950
49	88	650	650	1,950
50	88	650	650	1,950

E=4.0,B=3.0/3.5

PINS	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
2	12	600	3,600	10,800
3	16	600	2,400	7,200
4	24	600	1,800	5,400
5	24	600	1,800	5,400
6	24	600	1,800	5,400
7	24	600	1,800	5,400
8	24	600	1,800	5,400
9	24	600	1,800	5,400
10	24	600	1,800	5,400
11	32	600	1,200	3,600
12	32	600	1,200	3,600
13	32	600	1,200	3,600
14	44	600	1,200	3,600
15	44	600	1,200	3,600
16	44	600	1,200	3,600
17	44	600	1,200	3,600
18	44	600	1,200	3,600
19	44	600	1,200	3,600
20	44	600	1,200	3,600
21	44	600	1,200	3,600
22	44	600	1,200	3,600
23	56	600	600	1,800
24	56	600	600	1,800
25	56	600	600	1,800
26	56	600	600	1,800

E=4.0,B=3.0/3.5

PINS	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
27	56	600	600	1,800
28	56	600	600	1,800
29	56	600	600	1,800
30	56	600	600	1,800
31	56	600	600	1,800
32	56	600	600	1,800
33	72	600	600	1,800
34	72	600	600	1,800
35	72	600	600	1,800
36	72	600	600	1,800
37	72	600	600	1,800
38	72	600	600	1,800
39	72	600	600	1,800
40	72	600	600	1,800
41	72	600	600	1,800
42	72	600	600	1,800
43	72	600	600	1,800
44	72	600	600	1,800
45	88	600	600	1,800
46	88	600	600	1,800
47	88	600	600	1,800
48	88	600	600	1,800
49	88	600	600	1,800
50	88	600	600	1,800

A3	2025/09/11	Standardization Drawing	CP	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.
A2	2018/09/04	MODIFY	Ding	x.X ±0.40	CP	2025/09/11	UNIT	mm [inch]	1310-21XXXXMXXXCXXX
A1	2018/01/12	MODIFY PART NO.	William Chen	x.XX ±0.25	CHECK	DATE	SIZE	A4	TITLE:
A0	2012/03/12	NEW	William Chen	x.XXX ±0.15	TANG	2025/09/11	SHEET	4/11	1.27 Pin Header, SINGLE ROW, SMT, DOUBLE PLASTIC, H=1.0
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3°	APPROVE	DATE	PROJ.		Customer NO.
				DIM TOL	Steven Zhao	2025/09/11			



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Packaging Quantity Refers To The Following Table

E=4.0,B=4.5

E=4.0,B=4.5

E=5.5,B=2.0

E=5.5,B=2.0

PINS	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
2	16	500	2,000	6,000
3	24	500	1,500	4,500
4	24	500	1,500	4,500
5	24	500	1,500	4,500
6	24	500	1,500	4,500
7	24	500	1,500	4,500
8	24	500	1,500	4,500
9	24	500	1,500	4,500
10	32	500	1,000	3,000
11	32	500	1,000	3,000
12	32	500	1,000	3,000
13	44	500	1,000	3,000
14	44	500	1,000	3,000
15	44	500	1,000	3,000
16	44	500	1,000	3,000
17	44	500	1,000	3,000
18	44	500	1,000	3,000
19	44	500	1,000	3,000
20	44	500	1,000	3,000
21	44	500	1,000	3,000
22	56	500	500	1,500
23	56	500	500	1,500
24	56	500	500	1,500
25	56	500	500	1,500
26	56	500	500	1,500

PINS	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
27	56	500	500	1,500
28	56	500	500	1,500
29	56	500	500	1,500
30	56	500	500	1,500
31	72	500	500	1,500
32	72	500	500	1,500
33	72	500	500	1,500
34	72	500	500	1,500
35	72	500	500	1,500
36	72	500	500	1,500
37	72	500	500	1,500
38	72	500	500	1,500
39	72	500	500	1,500
40	72	500	500	1,500
41	72	500	500	1,500
42	72	500	500	1,500
43	72	500	500	1,500
44	88	500	500	1,500
45	88	500	500	1,500
46	88	500	500	1,500
47	88	500	500	1,500
48	88	500	500	1,500
49	88	500	500	1,500
50	88	500	500	1,500

PINS	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
2	16	550	2,200	6,600
3	16	550	2,200	6,600
4	24	550	1,650	4,950
5	24	550	1,650	4,950
6	24	550	1,650	4,950
7	24	550	1,650	4,950
8	24	550	1,650	4,950
9	24	550	1,650	4,950
10	32	550	1,100	3,300
11	32	550	1,100	3,300
12	32	550	1,100	3,300
13	44	550	1,100	3,300
14	44	550	1,100	3,300
15	44	550	1,100	3,300
16	44	550	1,100	3,300
17	44	550	1,100	3,300
18	44	550	1,100	3,300
19	44	550	1,100	3,300
20	44	550	1,100	3,300
21	44	550	1,100	3,300
22	44	550	1,100	3,300
23	56	550	550	1,650
24	56	550	550	1,650
25	56	550	550	1,650
26	56	550	550	1,650

PINS	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
27	56	550	550	1,650
28	56	550	550	1,650
29	56	550	550	1,650
30	56	550	550	1,650
31	56	550	550	1,650
32	72	550	550	1,650
33	72	550	550	1,650
34	72	550	550	1,650
35	72	550	550	1,650
36	72	550	550	1,650
37	72	550	550	1,650
38	72	550	550	1,650
39	72	550	550	1,650
40	72	550	550	1,650
41	72	550	550	1,650
42	72	550	550	1,650
43	72	550	550	1,650
44	72	550	550	1,650
45	88	550	550	1,650
46	88	550	550	1,650
47	88	550	550	1,650
48	88	550	550	1,650
49	88	550	550	1,650
50	88	550	550	1,650

A3	2025/09/11	Standardization Drawing	CP	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.
A2	2018/09/04	MODIFY	Ding	x.X ±0.40	CP	2025/09/11	UNIT	mm [inch]	1310-21XXXXMXXXCXXX
A1	2018/01/12	MODIFY PART NO.	William Chen	x.xx ±0.25	CHECK	DATE	SIZE	A4	TITLE:
A0	2012/03/12	NEW	William Chen	x.xxx ±0.15	TANG	2025/09/11	SHEET	5/11	1.27 Pin Header, SINGLE ROW, SMT, DOUBLE PLASTIC, H=1.0
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3°	APPROVE	DATE	PROJ.		Customer NO.
				DIM TOL	Steven Zhao	2025/09/11			

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Packaging Quantity Refers To The Following Table

E=5.5,B=3.0/3.5

E=5.5,B=3.0/3.5

E=5.5,B=4.5

E=5.5,B=4.5

PINS	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
2	16	500	2,000	6,000
3	24	500	1,500	4,500
4	24	500	1,500	4,500
5	24	500	1,500	4,500
6	24	500	1,500	4,500
7	24	500	1,500	4,500
8	24	500	1,500	4,500
9	24	500	1,500	4,500
10	32	500	1,000	3,000
11	32	500	1,000	3,000
12	32	500	1,000	3,000
13	44	500	1,000	3,000
14	44	500	1,000	3,000
15	44	500	1,000	3,000
16	44	500	1,000	3,000
17	44	500	1,000	3,000
18	44	500	1,000	3,000
19	44	500	1,000	3,000
20	44	500	1,000	3,000
21	44	500	1,000	3,000
22	56	500	500	1,500
23	56	500	500	1,500
24	56	500	500	1,500
25	56	500	500	1,500
26	56	500	500	1,500

PINS	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
27	56	500	500	1,500
28	56	500	500	1,500
29	56	500	500	1,500
30	56	500	500	1,500
31	72	500	500	1,500
32	72	500	500	1,500
33	72	500	500	1,500
34	72	500	500	1,500
35	72	500	500	1,500
36	72	500	500	1,500
37	72	500	500	1,500
38	72	500	500	1,500
39	72	500	500	1,500
40	72	500	500	1,500
41	72	500	500	1,500
42	72	500	500	1,500
43	72	500	500	1,500
44	88	500	500	1,500
45	88	500	500	1,500
46	88	500	500	1,500
47	88	500	500	1,500
48	88	500	500	1,500
49	88	500	500	1,500
50	88	500	500	1,500

PINS	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
2	24	330	990	2,970
3	24	330	990	2,970
4	24	330	990	2,970
5	24	330	990	2,970
6	24	330	990	2,970
7	24	330	990	2,970
8	24	330	990	2,970
9	32	330	660	1,980
10	32	330	660	1,980
11	32	330	660	1,980
12	44	330	660	1,980
13	44	330	660	1,980
14	44	330	660	1,980
15	44	330	660	1,980
16	44	330	660	1,980
17	44	330	660	1,980
18	44	330	660	1,980
19	44	330	660	1,980
20	44	330	660	1,980
21	56	330	330	990
22	56	330	330	990
23	56	330	330	990
24	56	330	330	990
25	56	330	330	990
26	56	330	330	990

PINS	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
27	56	330	330	990
28	56	330	330	990
29	56	330	330	990
30	72	330	330	990
31	72	330	330	990
32	72	330	330	990
33	72	330	330	990
34	72	330	330	990
35	72	330	330	990
36	72	330	330	990
37	72	330	330	990
38	72	330	330	990
39	72	330	330	990
40	72	330	330	990
41	72	330	330	990
42	72	330	330	990
43	88	330	330	990
44	88	330	330	990
45	88	330	330	990
46	88	330	330	990
47	88	330	330	990
48	88	330	330	990
49	88	330	330	990
50	88	330	330	990

A3	2025/09/11	Standardization Drawing	CP	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.
A2	2018/09/04	MODIFY	Ding	x.X ±0.40	CP	2025/09/11	UNIT	mm [inch]	1310-21XXXXMXXXCXXX
A1	2018/01/12	MODIFY PART NO.	William Chen	x.xx ±0.25	CHECK	DATE	SIZE	A4	TITLE:
A0	2012/03/12	NEW	William Chen	x.xxx ±0.15	TANG	2025/09/11	SHEET	6/11	1.27 Pin Header, SINGLE ROW, SMT, DOUBLE PLASTIC, H=1.0
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3'	APPROVE	DATE	PROJ.		Customer NO.
				DIM TOL	Steven Zhao	2025/09/11			

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HSF

Packaging Quantity Refers To The Following Table

E=7.5,B=2.0

E=7.5,B=2.0

E=7.5,B=3.0/3.5

E=7.5,B=3.0/3.5

PINS	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
2	24	440	1,320	3,960
3	24	440	1,320	3,960
4	24	440	1,320	3,960
5	24	440	1,320	3,960
6	24	440	1,320	3,960
7	24	440	1,320	3,960
8	24	440	1,320	3,960
9	32	440	880	2,640
10	32	440	880	2,640
11	32	440	880	2,640
12	44	440	880	2,640
13	44	440	880	2,640
14	44	440	880	2,640
15	44	440	880	2,640
16	44	440	880	2,640
17	44	440	880	2,640
18	44	440	880	2,640
19	44	440	880	2,640
20	44	440	880	2,640
21	56	440	440	1,320
22	56	440	440	1,320
23	56	440	440	1,320
24	56	440	440	1,320
25	56	440	440	1,320
26	56	440	440	1,320

PINS	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
27	56	440	440	1,320
28	56	440	440	1,320
29	56	440	440	1,320
30	72	440	440	1,320
31	72	440	440	1,320
32	72	440	440	1,320
33	72	440	440	1,320
34	72	440	440	1,320
35	72	440	440	1,320
36	72	440	440	1,320
37	72	440	440	1,320
38	72	440	440	1,320
39	72	440	440	1,320
40	72	440	440	1,320
41	72	440	440	1,320
42	72	440	440	1,320
43	88	440	440	1,320
44	88	440	440	1,320
45	88	440	440	1,320
46	88	440	440	1,320
47	88	440	440	1,320
48	88	440	440	1,320
49	88	440	440	1,320
50	88	440	440	1,320

PINS	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
2	24	290	870	2,610
3	24	290	870	2,610
4	24	290	870	2,610
5	24	290	870	2,610
6	24	290	870	2,610
7	24	290	870	2,610
8	32	290	580	1,740
9	32	290	580	1,740
10	32	290	580	1,740
11	44	290	580	1,740
12	44	290	580	1,740
13	44	290	580	1,740
14	44	290	580	1,740
15	44	290	580	1,740
16	44	290	580	1,740
17	44	290	580	1,740
18	44	290	580	1,740
19	44	290	580	1,740
20	56	290	290	870
21	56	290	290	870
22	56	290	290	870
23	56	290	290	870
24	56	290	290	870
25	56	290	290	870
26	56	290	290	870

PINS	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
27	56	290	290	870
28	56	290	290	870
29	56	290	290	870
30	72	290	290	870
31	72	290	290	870
32	72	290	290	870
33	72	290	290	870
34	72	290	290	870
35	72	290	290	870
36	72	290	290	870
37	72	290	290	870
38	72	290	290	870
39	72	290	290	870
40	72	290	290	870
41	72	290	290	870
42	88	290	290	870
43	88	290	290	870
44	88	290	290	870
45	88	290	290	870
46	88	290	290	870
47	88	290	290	870
48	88	290	290	870
49	88	290	290	870
50	88	290	290	870

A3	2025/09/11	Standardization Drawing	CP	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.
A2	2018/09/04	MODIFY	Ding	x.x ±0.40	CP	2025/09/11	UNIT	mm [inch]	1310-21XXXXMXXXCXXX
A1	2018/01/12	MODIFY PART NO.	William Chen	x.xx ±0.25	CHECK	DATE	SIZE	A4	TITLE:
A0	2012/03/12	NEW	William Chen	x.xxx ±0.15	TANG	2025/09/11	SHEET	7/11	1.27 Pin Header, SINGLE ROW, SMT, DOUBLE PLASTIC, H=1.0
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3'	APPROVE	DATE	PROJ.		Customer NO.
				DIM TOL	Steven Zhao	2025/09/11			



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HSF

Packaging Quantity Refers To The Following Table

E=7.5,B=4.5

E=7.5,B=4.5

E=10.2,B=2.0/3.0/3.5

E=10.2,B=2.0/3.0/3.5

PINS	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
2	24	250	750	2,250
3	24	250	750	2,250
4	24	250	750	2,250
5	24	250	750	2,250
6	24	250	750	2,250
7	24	250	750	2,250
8	32	250	500	1,500
9	32	250	500	1,500
10	32	250	500	1,500
11	44	250	500	1,500
12	44	250	500	1,500
13	44	250	500	1,500
14	44	250	500	1,500
15	44	250	500	1,500
16	44	250	500	1,500
17	44	250	500	1,500
18	44	250	500	1,500
19	56	250	250	750
20	56	250	250	750
21	56	250	250	750
22	56	250	250	750
23	56	250	250	750
24	56	250	250	750
25	56	250	250	750
26	56	250	250	750

PINS	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
27	56	250	250	750
28	56	250	250	750
29	72	250	250	750
30	72	250	250	750
31	72	250	250	750
32	72	250	250	750
33	72	250	250	750
34	72	250	250	750
35	72	250	250	750
36	72	250	250	750
37	72	250	250	750
38	72	250	250	750
39	72	250	250	750
40	72	250	250	750
41	88	250	250	750
42	88	250	250	750
43	88	250	250	750
44	88	250	250	750
45	88	250	250	750
46	88	250	250	750
47	88	250	250	750
48	88	250	250	750
49	88	250	250	750
50	88	250	250	750

PINS	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
2	24	250	750	2,250
3	24	250	750	2,250
4	24	250	750	2,250
5	24	250	750	2,250
6	24	250	750	2,250
7	32	250	500	1,500
8	32	250	500	1,500
9	32	250	500	1,500
10	44	250	500	1,500
11	44	250	500	1,500
12	44	250	500	1,500
13	44	250	500	1,500
14	44	250	500	1,500
15	44	250	500	1,500
16	44	250	500	1,500
17	44	250	500	1,500
18	44	250	500	1,500
19	56	250	250	750
20	56	250	250	750
21	56	250	250	750
22	56	250	250	750
23	56	250	250	750
24	56	250	250	750
25	56	250	250	750
26	56	250	250	750

PINS	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
27	56	250	250	750
28	72	250	250	750
29	72	250	250	750
30	72	250	250	750
31	72	250	250	750
32	72	250	250	750
33	72	250	250	750
34	72	250	250	750
35	72	250	250	750
36	72	250	250	750
37	72	250	250	750
38	72	250	250	750
39	72	250	250	750
40	72	250	250	750
41	88	250	250	750
42	88	250	250	750
43	88	250	250	750
44	88	250	250	750
45	88	250	250	750
46	88	250	250	750
47	88	250	250	750
48	88	250	250	750
49	88	250	250	750
50	88	250	250	750

A3	2025/09/11	Standardization Drawing	CP	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.
A2	2018/09/04	MODIFY	Ding	x.x ±0.40	CP	2025/09/11	UNIT	mm [inch]	1310-21XXXXMXXXCXXX
A1	2018/01/12	MODIFY PART NO.	William Chen	x.xx ±0.25	CHECK	DATE	SIZE	A4	TITLE:
A0	2012/03/12	NEW	William Chen	x.xxx ±0.15	TANG	2025/09/11	SHEET	8/11	1.27 Pin Header, SINGLE ROW, SMT, DOUBLE PLASTIC, H=1.0
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3°	APPROVE	DATE	PROJ.		Customer NO.
				DIM TOL	Steven Zhao	2025/09/11			

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HSF

Packaging Quantity Refers To The Following Table

E=10.2,B=4.5

E=10.2,B=4.5

E=11.3,B=2.0

E=11.3,B=2.0

PINS	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
2	24	210	630	1,890
3	24	210	630	1,890
4	24	210	630	1,890
5	24	210	630	1,890
6	32	210	420	1,260
7	32	210	420	1,260
8	32	210	420	1,260
9	32	210	420	1,260
10	44	210	420	1,260
11	44	210	420	1,260
12	44	210	420	1,260
13	44	210	420	1,260
14	44	210	420	1,260
15	44	210	420	1,260
16	44	210	420	1,260
17	44	210	420	1,260
18	56	210	210	630
19	56	210	210	630
20	56	210	210	630
21	56	210	210	630
22	56	210	210	630
23	56	210	210	630
24	56	210	210	630
25	56	210	210	630
26	56	210	210	630

PINS	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
27	72	210	210	630
28	72	210	210	630
29	72	210	210	630
30	72	210	210	630
31	72	210	210	630
32	72	210	210	630
33	72	210	210	630
34	72	210	210	630
35	72	210	210	630
36	72	210	210	630
37	72	210	210	630
38	72	210	210	630
39	72	210	210	630
40	88	210	210	630
41	88	210	210	630
42	88	210	210	630
43	88	210	210	630
44	88	210	210	630
45	88	210	210	630
46	88	210	210	630
47	88	210	210	630
48	88	210	210	630
49	88	210	210	630
50	88	210	210	630

PINS	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
2	24	250	750	2,250
3	24	250	750	2,250
4	24	250	750	2,250
5	24	250	750	2,250
6	24	250	750	2,250
7	32	250	500	1,500
8	32	250	500	1,500
9	32	250	500	1,500
10	44	250	500	1,500
11	44	250	500	1,500
12	44	250	500	1,500
13	44	250	500	1,500
14	44	250	500	1,500
15	44	250	500	1,500
16	44	250	500	1,500
17	44	250	500	1,500
18	44	250	500	1,500
19	56	250	250	750
20	56	250	250	750
21	56	250	250	750
22	56	250	250	750
23	56	250	250	750
24	56	250	250	750
25	56	250	250	750
26	56	250	250	750

PINS	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
27	56	250	250	750
28	72	250	250	750
29	72	250	250	750
30	72	250	250	750
31	72	250	250	750
32	72	250	250	750
33	72	250	250	750
34	72	250	250	750
35	72	250	250	750
36	72	250	250	750
37	72	250	250	750
38	72	250	250	750
39	72	250	250	750
40	72	250	250	750
41	88	250	250	750
42	88	250	250	750
43	88	250	250	750
44	88	250	250	750
45	88	250	250	750
46	88	250	250	750
47	88	250	250	750
48	88	250	250	750
49	88	250	250	750
50	88	250	250	750

A3	2025/09/11	Standardization Drawing	CP	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.
A2	2018/09/04	MODIFY	Ding	x.X ±0.40	CP	2025/09/11	UNIT	mm [inch]	1310-21XXXXMXXXCXXX
A1	2018/01/12	MODIFY PART NO.	William Chen	x.xx ±0.25	CHECK	DATE	SIZE	A4	TITLE:
A0	2012/03/12	NEW	William Chen	x.xxx ±0.15	TANG	2025/09/11	SHEET	9/11	1.27 Pin Header, SINGLE ROW, SMT, DOUBLE PLASTIC, H=1.0
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3°	APPROVE	DATE	PROJ.		Customer NO.
				DIM TOL	Steven Zhao	2025/09/11			



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HSF

Packaging Quantity Refers To The Following Table

E=11.3,B=3.0/3.5/4.5

E=11.3,B=3.0/3.5/4.5

E=13.3,B=2.0/3.0

E=13.3,B=2.0/3.0

PINS	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
2	24	210	630	1,890
3	24	210	630	1,890
4	24	210	630	1,890
5	24	210	630	1,890
6	32	210	420	1,260
7	32	210	420	1,260
8	32	210	420	1,260
9	32	210	420	1,260
10	44	210	420	1,260
11	44	210	420	1,260
12	44	210	420	1,260
13	44	210	420	1,260
14	44	210	420	1,260
15	44	210	420	1,260
16	44	210	420	1,260
17	44	210	420	1,260
18	56	210	210	630
19	56	210	210	630
20	56	210	210	630
21	56	210	210	630
22	56	210	210	630
23	56	210	210	630
24	56	210	210	630
25	56	210	210	630
26	56	210	210	630

PINS	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
27	72	210	210	630
28	72	210	210	630
29	72	210	210	630
30	72	210	210	630
31	72	210	210	630
32	72	210	210	630
33	72	210	210	630
34	72	210	210	630
35	72	210	210	630
36	72	210	210	630
37	72	210	210	630
38	72	210	210	630
39	72	210	210	630
40	88	210	210	630
41	88	210	210	630
42	88	210	210	630
43	88	210	210	630
44	88	210	210	630
45	88	210	210	630
46	88	210	210	630
47	88	210	210	630
48	88	210	210	630
49	88	210	210	630
50	88	210	210	630

PINS	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
2	24	210	630	1,890
3	24	210	630	1,890
4	24	210	630	1,890
5	24	210	630	1,890
6	32	210	420	1,260
7	32	210	420	1,260
8	32	210	420	1,260
9	32	210	420	1,260
10	44	210	420	1,260
11	44	210	420	1,260
12	44	210	420	1,260
13	44	210	420	1,260
14	44	210	420	1,260
15	44	210	420	1,260
16	44	210	420	1,260
17	56	210	210	630
18	56	210	210	630
19	56	210	210	630
20	56	210	210	630
21	56	210	210	630
22	56	210	210	630
23	56	210	210	630
24	56	210	210	630
25	56	210	210	630
26	72	210	210	630

PINS	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
27	72	210	210	630
28	72	210	210	630
29	72	210	210	630
30	72	210	210	630
31	72	210	210	630
32	72	210	210	630
33	72	210	210	630
34	72	210	210	630
35	72	210	210	630
36	72	210	210	630
37	72	210	210	630
38	72	210	210	630
39	88	210	210	630
40	88	210	210	630
41	88	210	210	630
42	88	210	210	630
43	88	210	210	630
44	88	210	210	630
45	88	210	210	630
46	88	210	210	630
47	88	210	210	630
48	88	210	210	630
49	88	210	210	630
50	88	210	210	630

A3	2025/09/11	Standardization Drawing	CP	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.
A2	2018/09/04	MODIFY	Ding	x.x ±0.40	CP	2025/09/11	UNIT	mm [inch]	1310-21XXXXMXXXCXXX
A1	2018/01/12	MODIFY PART NO.	William Chen	x.xx ±0.25	CHECK	DATE	SIZE	A4	TITLE:
A0	2012/03/12	NEW	William Chen	x.xxx ±0.15	TANG	2025/09/11	SHEET	10/11	1.27 Pin Header, SINGLE ROW, SMT, DOUBLE PLASTIC, H=1.0
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3'	APPROVE	DATE	PROJ.		Customer NO.
				DIM TOL	Steven Zhao	2025/09/11			

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HSF

Packaging Quantity Refers To The Following Table

E=13.3,B=3.5

E=13.3,B=3.5

E=13.3,B=4.5

E=13.3,B=4.5

PINS	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
2	24	170	510	1,530
3	24	170	510	1,530
4	24	170	510	1,530
5	24	170	510	1,530
6	32	170	340	1,020
7	32	170	340	1,020
8	32	170	340	1,020
9	32	170	340	1,020
10	44	170	340	1,020
11	44	170	340	1,020
12	44	170	340	1,020
13	44	170	340	1,020
14	44	170	340	1,020
15	44	170	340	1,020
16	56	170	170	510
17	56	170	170	510
18	56	170	170	510
19	56	170	170	510
20	56	170	170	510
21	56	170	170	510
22	56	170	170	510
23	56	170	170	510
24	56	170	170	510
25	56	170	170	510
26	72	170	170	510

PINS	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
27	72	170	170	510
28	72	170	170	510
29	72	170	170	510
30	72	170	170	510
31	72	170	170	510
32	72	170	170	510
33	72	170	170	510
34	72	170	170	510
35	72	170	170	510
36	72	170	170	510
37	72	170	170	510
38	88	170	170	510
39	88	170	170	510
40	88	170	170	510
41	88	170	170	510
42	88	170	170	510
43	88	170	170	510
44	88	170	170	510
45	88	170	170	510
46	88	170	170	510
47	88	170	170	510
48	88	170	170	510
49	88	170	170	510
50	88	170	170	510

PINS	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
2	24	130	390	1,170
3	24	130	390	1,170
4	24	130	390	1,170
5	32	130	260	780
6	32	130	260	780
7	32	130	260	780
8	32	130	260	780
9	44	130	260	780
10	44	130	260	780
11	44	130	260	780
12	44	130	260	780
13	44	130	260	780
14	44	130	260	780
15	44	130	260	780
16	56	130	130	390
17	56	130	130	390
18	56	130	130	390
19	56	130	130	390
20	56	130	130	390
21	56	130	130	390
22	56	130	130	390
23	56	130	130	390
24	56	130	130	390
25	56	130	130	390
26	72	130	130	390

PINS	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
27	72	130	130	390
28	72	130	130	390
29	72	130	130	390
30	72	130	130	390
31	72	130	130	390
32	72	130	130	390
33	72	130	130	390
34	72	130	130	390
35	72	130	130	390
36	72	130	130	390
37	72	130	130	390
38	88	130	130	390
39	88	130	130	390
40	88	130	130	390
41	88	130	130	390
42	88	130	130	390
43	88	130	130	390
44	88	130	130	390
45	88	130	130	390
46	88	130	130	390
47	88	130	130	390
48	88	130	130	390
49	88	130	130	390
50	88	130	130	390

A3	2025/09/11	Standardization Drawing	CP	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.
A2	2018/09/04	MODIFY	Ding	x.x ±0.40	CP	2025/09/11	UNIT	mm [inch]	1310-21XXXXMXXXCXXX
A1	2018/01/12	MODIFY PART NO.	William Chen	x.xx ±0.25	CHECK	DATE	SIZE	A4	TITLE:
A0	2012/03/12	NEW	William Chen	x.xxx ±0.15	TANG	2025/09/11	SHEET	11/11	1.27 Pin Header, SINGLE ROW, SMT, DOUBLE PLASTIC, H=1.0
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3°	APPROVE	DATE	PROJ.		Customer NO.
				DIM TOL	Steven Zhao	2025/09/11			

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