

HSF

NOTES:
 Rated Current: 1.5AMP.(20°C,2*2P~2*15P)
 1.0AMP.(20°C,2*16P~2*50P) $\triangle A4$
 Contact Resistance: 20m Ω Max.
 Withstand Voltage: 500V AC/DC
 Insulation Resistance: 1000M Ω Min. $\triangle A2$ $\triangle A4$
 Operation Temperature: -40°C to +125°C(Gold Plating)
 -40°C to +105°C(Tin Plating)
 Contact Material: Copper Alloy
 Contact Plating: Au or Sn Over 30u" Min Ni
 Insulator Material: PA9T+G.F UL94V-0 BK $\triangle A4$

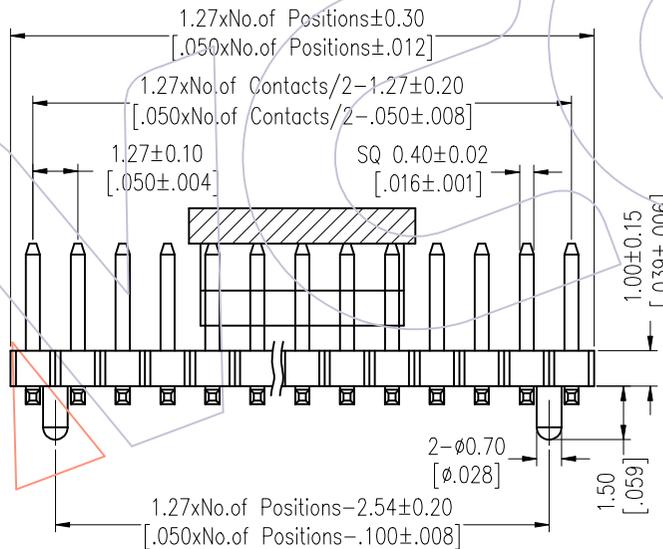
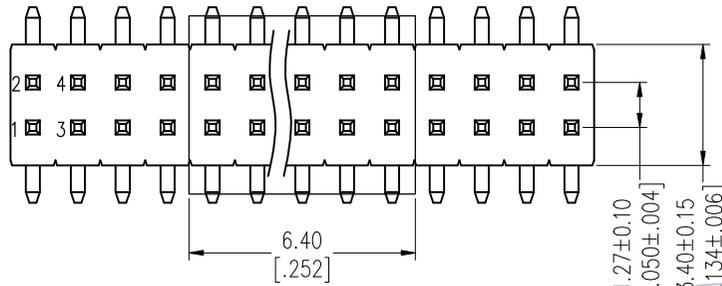
Ordering Information

1310-1 2 XX XX M XXX C X XX $\triangle A4$

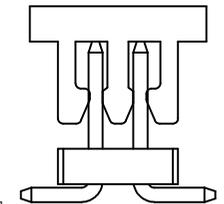
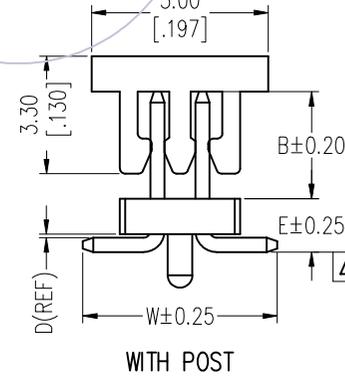
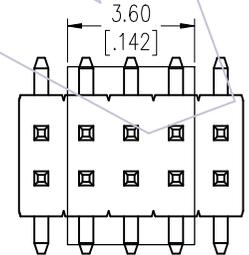
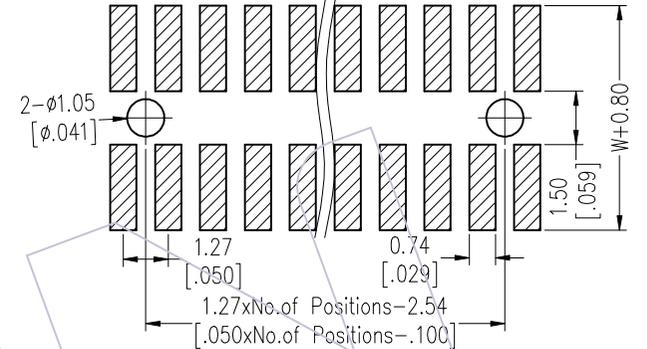
Plastic Layer
 Plastic Row
 No. of Pins
 Per Row: 02-50
 Contact Plating
 G0=Gold Flash
 G3=10u"Au, BG3=8u"PdNi+2u"Au
 G4=15u"Au, BG4=13u"PdNi+2u"Au
 G5=30u"Au, BG5=28u"PdNi+2u"Au
 S0=Gold Flash/Tin
 S3=10u"Au/Sn, P3=8u"PdNi+2u"Au/Sn
 S4=15u"Au/Sn, P4=13u"PdNi+2u"Au/Sn
 S5=30u"Au/Sn, P5=28u"PdNi+2u"Au/Sn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

Item	Pin Length	W	E	D	B	Mating
Standard	5.3	5.5	1.5	0.1	2.0	2321/2320T
	6.3				3.0	2334/2344/2346
	6.8				3.5	2357
	7.8				4.5	2345/2385
Alternate						



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



WITH POST

W/O POST

	PIN	2-15P	16-30P	31-50P
$\triangle A4$	M	0.10	0.15	0.20

REV	DATE	MODIFICATION DESCRIPTION	CHANGE	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.
A4	2025/08/13	Standardization Drawing	CP	OPERATION	DRAW	2025/08/13	SCALE	Fit	1310-12XXXXMXXXCXXX $\triangle A4$
A3	2021/12/29	MODIFY CAP	Du Ying	x.X ±0.40	CP	2025/08/13	UNIT	mm [inch]	TITLE: 1.27 Pin Header, DUAL ROW, SMT, H=1.0
A2	2018/09/07	MODIFY	Ding	x.XX ±0.25	CHECK	2025/08/13	SIZE	A4	
A0	2012/03/13	NEW	-----	x.XXX ±0.15	TANG	2025/08/13	SHEET	1/5	
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3°	APPROVE	DATE	SHEET	1/5	Customer NO.
				DIM TOL	Steven Zhao	2025/08/13	PROJ.		

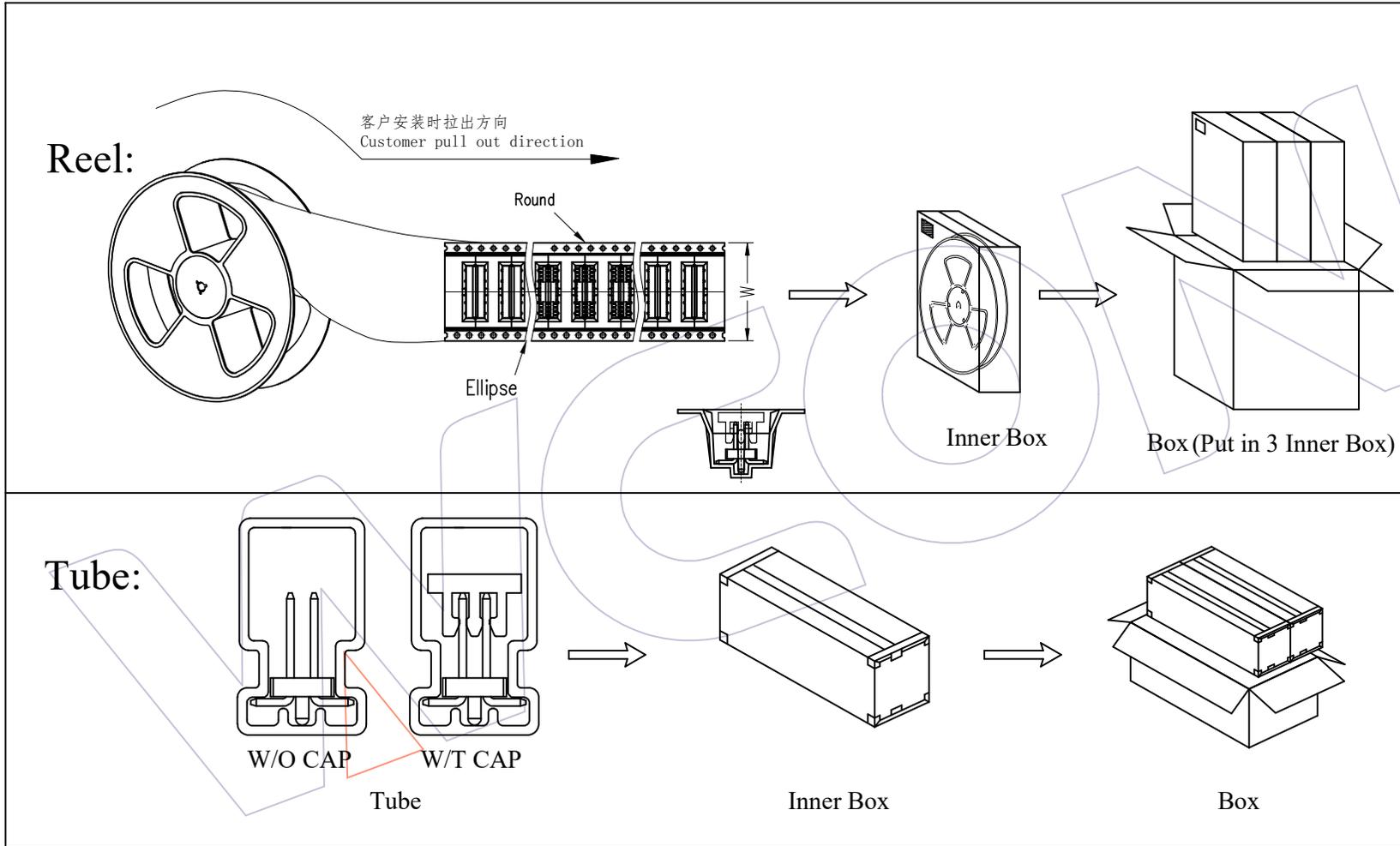
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Packing:



A4	2025/08/13	Standardization Drawing	CP	OPERATION	DRAW	DATE	SCALE	Fit	PART NO. 1310-12XXXXMXXXCXXX
A3	2021/12/29	MODIFY CAP	Du Ying	X.X ±0.40	CP	2025/08/13	UNIT	mm [inch]	
A2	2018/09/07	MODIFY	Ding	X.XX ±0.25	CHECK	DATE	SIZE	A4	TITLE: 1.27 Pin Header, DUAL ROW, SMT, H=1.0
A0	2012/03/13	NEW	-----	X.XXX ±0.15	TANG	2025/08/13	SHEET	2/5	
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3°	APPROVE	DATE	PROJ.		Customer NO.
				DIM TOL	Steven Zhao	2025/08/13			

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Packaging Quantity Refers To The Following Table

PINS /Row	Q' ty/Tube	Q' ty/Inner Box	Q' ty/Box
4	114	22,800	45,600
5	91	18,200	36,400
6	76	15,200	30,400
7	65	13,000	26,000
8	57	11,400	22,800
9	49	9,800	19,600
10	45	9,000	18,000
11	40	8,000	16,000
12	38	7,600	15,200
13	35	7,000	14,000
14	32	6,400	12,800
15	30	6,000	12,000
16	28	5,600	11,200
17	26	5,200	10,400
18	25	5,000	10,000
19	23	4,600	9,200
20	22	4,400	8,800
21	21	4,200	8,400
22	20	4,000	8,000
23	19	3,800	7,600
24	18	3,600	7,200
25	18	3,600	7,200
26	17	3,400	6,800
27	16	3,200	6,400

PINS /Row	Q' ty/Tube	Q' ty/Inner Box	Q' ty/Box
28	16	3,200	6,400
29	15	3,000	6,000
30	15	3,000	6,000
31	14	2,800	5,600
32	14	2,800	5,600
33	13	2,600	5,200
34	13	2,600	5,200
35	12	2,400	4,800
36	12	2,400	4,800
37	12	2,400	4,800
38	11	2,200	4,400
39	11	2,200	4,400
40	11	2,200	4,400
41	11	2,200	4,400
42	10	2,000	4,000
43	10	2,000	4,000
44	10	2,000	4,000
45	10	2,000	4,000
46	9	1,800	3,600
47	9	1,800	3,600
48	9	1,800	3,600
49	9	1,800	3,600
50	9	1,800	3,600

B=2.0

PINS /Row	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
2	12	900	5,400	16,200
3	16	900	3,600	10,800
4	16	900	3,600	10,800
5	16	900	3,600	10,800
6	24	900	2,700	8,100
7	24	900	2,700	8,100
8	24	900	2,700	8,100
9	24	900	2,700	8,100
10	24	900	2,700	8,100
11	24	900	2,700	8,100
12	32	900	1,800	5,400
13	32	900	1,800	5,400
14	32	900	1,800	5,400
15	32	900	1,800	5,400
16	44	900	1,800	5,400
17	44	900	1,800	5,400
18	44	900	1,800	5,400
19	44	900	1,800	5,400
20	44	900	1,800	5,400
21	44	900	1,800	5,400
22	44	900	1,800	5,400
23	44	900	1,800	5,400
24	44	900	1,800	5,400
25	56	900	900	2,700
26	56	900	900	2,700

B=2.0

PINS /Row	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
27	56	900	900	2,700
28	56	900	900	2,700
29	56	900	900	2,700
30	56	900	900	2,700
31	56	900	900	2,700
32	56	900	900	2,700
33	56	900	900	2,700
34	72	900	900	2,700
35	72	900	900	2,700
36	72	900	900	2,700
37	72	900	900	2,700
38	72	900	900	2,700
39	72	900	900	2,700
40	72	900	900	2,700
41	72	900	900	2,700
42	72	900	900	2,700
43	72	900	900	2,700
44	72	900	900	2,700
45	72	900	900	2,700
46	72	900	900	2,700
47	88	900	900	2,700
48	88	900	900	2,700
49	88	900	900	2,700
50	88	900	900	2,700

A4	2025/08/13	Standardization Drawing	CP	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.	 <p>Http: www.wcon.com</p> <p>WCON-Dongguan Tel: +86 769 85358920 WCON-Kunshan Tel: +86 512 57468408</p> <p>WCON-Fax: +86 769 85358915 WCON-Fax: +86 512 57468468</p> <p>WCON-E-mail: sales@wcon.com WCON-E-mail: salesks@wcon.com</p>
A3	2021/12/29	MODIFY CAP	Du Ying	x.X ±0.40	CP	2025/08/13	UNIT	mm [inch]	1310-12XXXXMXXXCXXX 	
A2	2018/09/07	MODIFY	Ding	x.xx ±0.25	CHECK	DATE	SIZE	A4	TITLE:	
A0	2012/03/13	NEW	-----	x.xxx ±0.15	TANG	2025/08/13	SHEET	3/5	1.27 Pin Header, DUAL ROW, SMT, H=1.0	
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3'	APPROVE Steven Zhao	DATE	PROJ.		Customer NO.	
				DIM TOL		2025/08/13				

HSF

Packaging Quantity Refers To The Following Table

B=3.0

B=3.0

B=3.5

B=3.5

PINS /Row	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
2	16	750	3,000	9,000
3	16	800	3,200	9,600
4	16	750	3,000	9,000
5	24	800	3,200	9,600
6	24	800	3,200	9,600
7	24	750	3,000	9,000
8	24	750	3,000	9,000
9	24	800	3,200	9,600
10	24	750	3,000	9,000
11	24	800	3,200	9,600
12	32	800	3,200	9,600
13	32	750	3,000	9,000
14	32	800	3,200	9,600
15	44	800	3,200	9,600
16	44	800	3,200	9,600
17	44	800	3,200	9,600
18	44	800	3,200	9,600
19	44	800	3,200	9,600
20	44	750	3,000	9,000
21	44	800	3,200	9,600
22	44	800	3,200	9,600
23	44	800	3,200	9,600
24	56	800	800	2,400
25	56	750	750	2,250
26	56	800	800	2,400

PINS /Row	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
27	56	800	800	2,400
28	56	800	800	2,400
29	56	800	800	2,400
30	56	750	750	2,250
31	56	800	800	2,400
32	56	800	800	2,400
33	56	800	800	2,400
34	72	800	800	2,400
35	72	800	800	2,400
36	72	800	800	2,400
37	72	800	800	2,400
38	72	800	800	2,400
39	72	800	800	2,400
40	72	800	800	2,400
41	72	800	800	2,400
42	72	800	800	2,400
43	72	800	800	2,400
44	72	800	800	2,400
45	72	800	800	2,400
46	88	800	800	2,400
47	88	800	800	2,400
48	88	800	800	2,400
49	88	800	800	2,400
50	88	800	800	2,400

PINS /Row	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
2	12	700	4,200	12,600
3	16	700	2,800	8,400
4	16	700	2,800	8,400
5	24	700	2,100	6,300
6	24	700	2,100	6,300
7	24	700	2,100	6,300
8	24	700	2,100	6,300
9	24	700	2,100	6,300
10	24	700	2,100	6,300
11	32	700	1,400	4,200
12	32	700	1,400	4,200
13	32	700	1,400	4,200
14	32	700	1,400	4,200
15	44	700	1,400	4,200
16	44	700	1,400	4,200
17	44	700	1,400	4,200
18	44	700	1,400	4,200
19	44	700	1,400	4,200
20	44	700	1,400	4,200
21	44	700	1,400	4,200
22	44	700	1,400	4,200
23	44	700	1,400	4,200
24	56	700	700	2,100
25	56	700	700	2,100
26	56	700	700	2,100

PINS /Row	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
27	56	700	700	2,100
28	56	700	700	2,100
29	56	700	700	2,100
30	56	700	700	2,100
31	56	700	700	2,100
32	56	700	700	2,100
33	56	700	700	2,100
34	72	700	700	2,100
35	72	700	700	2,100
36	72	700	700	2,100
37	72	700	700	2,100
38	72	700	700	2,100
39	72	700	700	2,100
40	72	700	700	2,100
41	72	700	700	2,100
42	72	700	700	2,100
43	72	700	700	2,100
44	72	700	700	2,100
45	72	700	700	2,100
46	88	700	700	2,100
47	88	700	700	2,100
48	88	700	700	2,100
49	88	700	700	2,100
50	88	700	700	2,100

A4	2025/08/13	Standardization Drawing	CP	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.
A3	2021/12/29	MODIFY CAP	Du Ying	x.X ±0.40	CP	2025/08/13	UNIT	mm [inch]	1310-12XXXXMXXXCXXX
A2	2018/09/07	MODIFY	Ding	x.XX ±0.25	CHECK	DATE	SIZE	A4	TITLE:
A0	2012/03/13	NEW	-----	x.XXX ±0.15	TANG	2025/08/13	SHEET	4/5	1.27 Pin Header, DUAL ROW, SMT, H=1.0
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3'	APPROVE	DATE	PROJ.		Customer NO.
				DIM TOL	Steven Zhao	2025/08/13			

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HSF

Packaging Quantity Refers To The Following Table

B=4.5

B=4.5

PINS /Row	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
2	12	600	3,600	10,800
3	16	600	3,600	10,800
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

PINS /Row	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

A4	2025/08/13	Standardization Drawing	CP	OPERATION		DRAW	DATE	SCALE	Fit	PART NO. 1310-12XXXXMXXXCXXX
A3	2021/12/29	MODIFY CAP	Du Ying	x.X	±0.40	CP	2025/08/13	UNIT	mm [inch]	
A2	2018/09/07	MODIFY	Ding	x.xx	±0.25	CHECK	DATE	SIZE	A4	TITLE: 1.27 Pin Header, DUAL ROW, SMT, H=1.0
A0	2012/03/13	NEW	-----	x.xxx	±0.15	TANG	2025/08/13	SHEET	5/5	
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle	± 3'	APPROVE Steven Zhao	DATE	PROJ.		Customer NO.
				DIM	TOL		2025/08/13			



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