

HSF

NOTES:

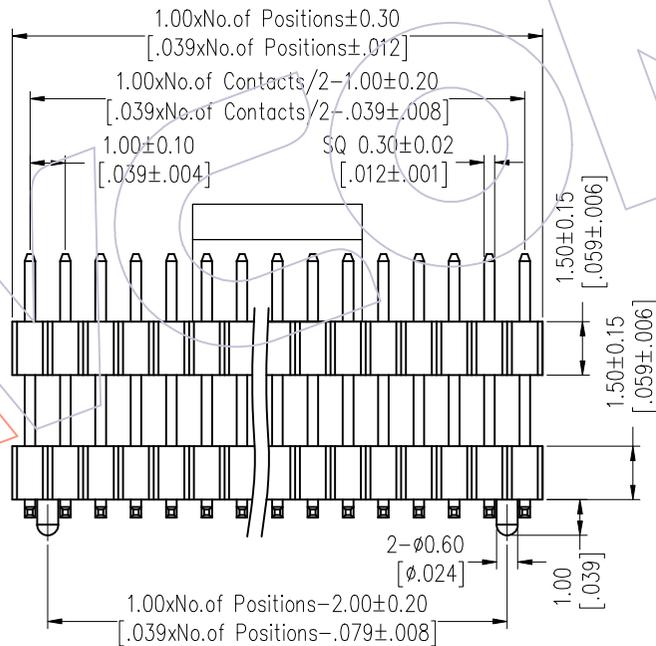
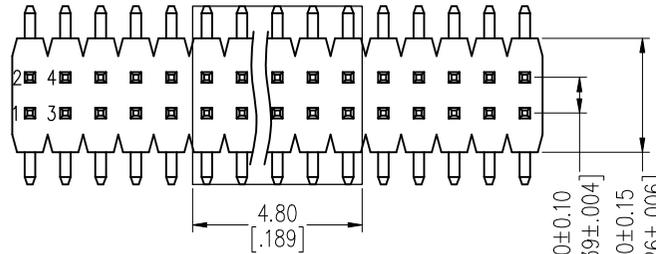
- Rated Current: 1.0AMP.(20°C,2*2P-2*15P)
0.75AMP.(20°C,2*16P-2*50P) $\triangle\triangle$
- Contact Resistance: 30m Ω Max.
- Withstand Voltage: 500V AC/DC
- Insulation Resistance: 1000M Ω Min.
- Operation Temperature: -40°C to +125°C(Gold Plating)
-40°C to +105°C(Tin Plating) $\triangle\triangle$
- Contact Material: Copper Alloy
- Contact Plating: Au or Sn Over 30u" Min Ni
- Insulator Material: PA9T+G.F UL94V-0 BK $\triangle\triangle$

Ordering Information $\triangle\triangle$

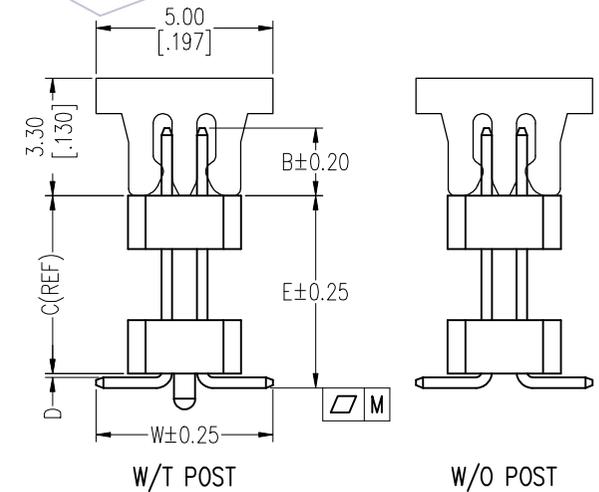
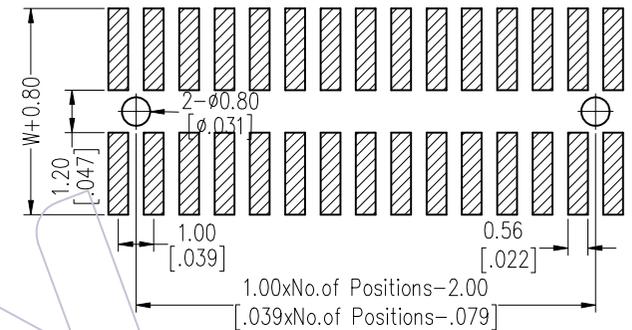
1515-2 2 XX XX M XXX C X XX

- 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
- 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	B	D	C	E	Mating
Standard	7.8	5.0	1.9	0.1	3.9	4.3	2521/2537
	9.9				5.9	6.3	2521/2537
	11.5				7.4	7.8	2521/2537
	12.0				8.1	8.5	2521/2537
Alternate	15.0				11.0	11.4	2521/2537



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



PIN(PerRow)	2-15P	16-30P	31-50P
M	0.10	0.12	0.18

REV	DATE	MODIFICATION DESCRIPTION	CHANGE	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.
A4	2025/09/27	Standardization Drawing	CP	OPERATION	DRAW	2025/09/27	SCALE	Fit	1515-22XXXXMXXXXX
A3	2023/02/01	Add Flatness	William Chen	x.X ±0.40	CP	2025/09/27	UNIT	mm [inch]	TITLE: 1.00 Pin Header, DUAL ROW, DOUBLE PLASTIC, SMT, H=1.5
A2	2018/01/05	MODIFY PART NO.	JYHuang	x.XX ±0.25	CHECK	2025/09/27	SIZE	A4	
A0	2012/03/01	NEW	William Chen	x.XXX ±0.15	TANG	2025/09/27	SHEET	1/5	
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3°	APPROVE	DATE	SHEET	1/5	Customer NO.
				DIM TOL	Steven Zhao	2025/09/27	PROJ.		

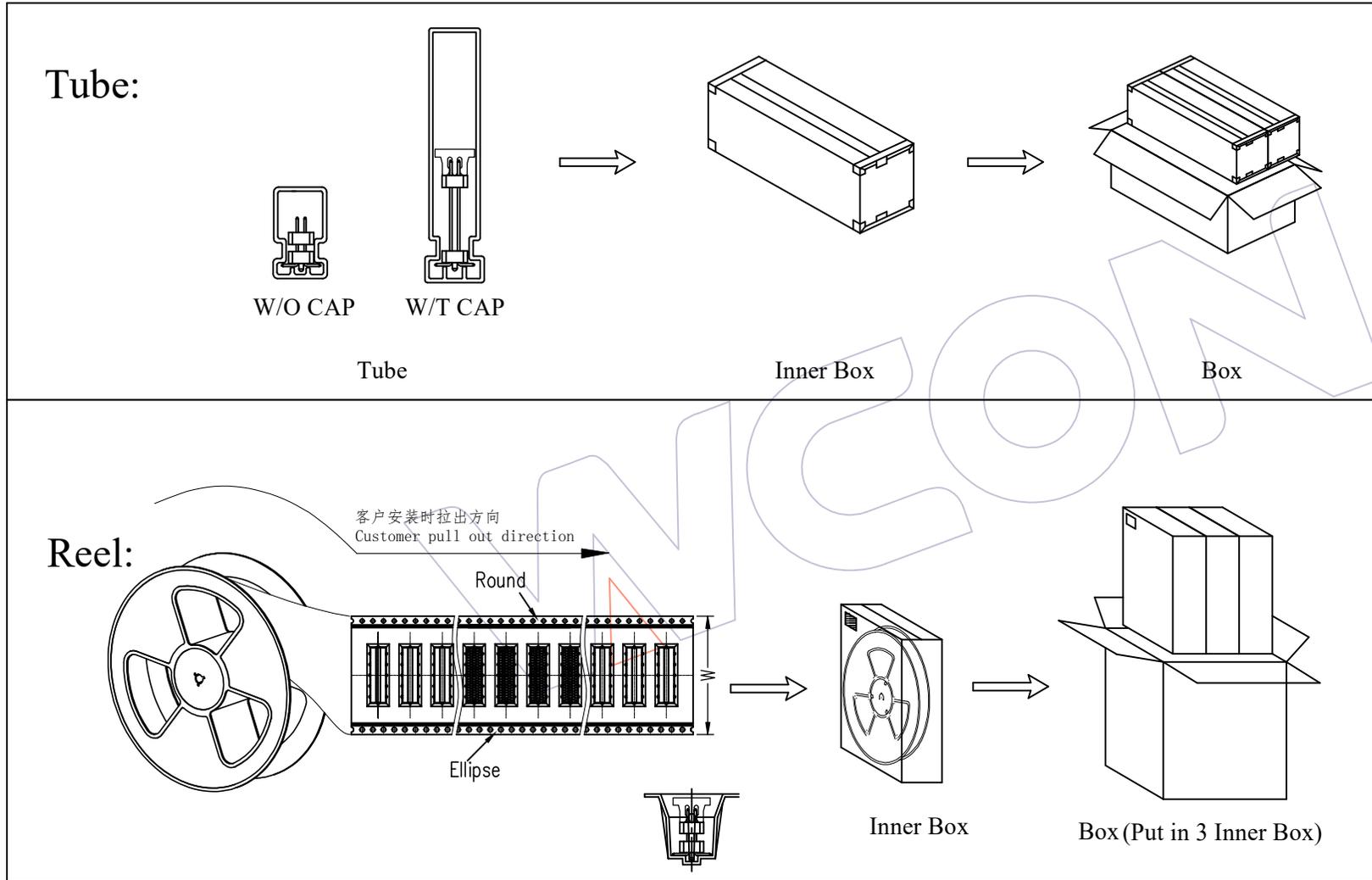
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Http: www.wcon.com

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

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Packing:



A4	2025/09/27	Standardization Drawing	CP	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.
A3	2023/02/01	Add Flatness	William Chen	X.X ±0.40	CP	2025/09/27	UNIT	mm [inch]	1515-22XXXXMXXXXX
A2	2018/01/05	MODIFY PART NO.	JYHuang	X.XX ±0.25	CHECK	DATE	SIZE	A4	TITLE:
A0	2012/03/01	NEW	William Chen	X.XXX ±0.15	TANG	2025/09/27	SHEET	2/5	1.00 Pin Header, DUAL ROW, DOUBLE PLASTIC, SMT, H=1.5
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3°	APPROVE	DATE	PROJ.		Customer NO.
				DIM TOL	Steven Zhao	2025/09/27			

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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

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Packaging Quantity Refers To The Following Table

W/T CAP: C=3.9
W/O CAP: C=3.9//C=5.9

PINS /Row	Q' ty/Tube	Q' ty/Inner Box	Q' ty/Box
5	109	21,800	43,600
6	92	18,400	36,800
7	79	15,800	31,600
8	69	13,800	27,600
9	62	12,400	24,800
10	57	11,400	22,800
11	51	10,200	20,400
12	47	9,400	18,800
13	43	8,600	17,200
14	40	8,000	16,000
15	37	7,400	14,800
16	35	7,000	14,000
17	33	6,600	13,200
18	31	6,200	12,400
19	30	6,000	12,000
20	28	5,600	11,200
21	27	5,400	10,800
22	26	5,200	10,400
23	24	4,800	9,600
24	23	4,600	9,200
25	22	4,400	8,800
26	22	4,400	8,800
27	21	4,200	8,400

W/T CAP: C=3.9
W/O CAP: C=3.9//C=5.9

PINS /Row	Q' ty/Tube	Q' ty/Inner Box	Q' ty/Box
28	20	4,000	8,000
29	19	3,800	7,600
30	19	3,800	7,600
31	18	3,600	7,200
32	17	3,400	6,800
33	17	3,400	6,800
34	16	3,200	6,400
35	16	3,200	6,400
36	15	3,000	6,000
37	15	3,000	6,000
38	15	3,000	6,000
39	14	2,800	5,600
40	14	2,800	5,600
41	14	2,800	5,600
42	13	2,600	5,200
43	13	2,600	5,200
44	13	2,600	5,200
45	12	2,400	4,800
46	12	2,400	4,800
47	12	2,400	4,800
48	12	2,400	4,800
49	11	2,200	4,400
50	11	2,200	4,400

W/T CAP: C=5.9//7.4//8.1//11.0
W/O CAP: C=7.4//8.1//11.0

PINS /Row	Q' ty/Tube	Q' ty/Inner Box	Q' ty/Box
5	109	6,540	13,080
6	92	5,520	11,040
7	79	4,740	9,480
8	69	4,140	8,280
9	62	3,720	7,440
10	57	3,420	6,840
11	51	3,060	6,120
12	47	2,820	5,640
13	43	2,580	5,160
14	40	2,400	4,800
15	37	2,220	4,440
16	35	2,100	4,200
17	33	1,980	3,960
18	31	1,860	3,720
19	30	1,800	3,600
20	28	1,680	3,360
21	27	1,620	3,240
22	26	1,560	3,120
23	24	1,440	2,880
24	23	1,380	2,760
25	22	1,320	2,640
26	22	1,320	2,640
27	21	1,260	2,520

W/T CAP: C=5.9//7.4//8.1//11.0
W/O CAP: C=7.4//8.1//11.0

PINS /Row	Q' ty/Tube	Q' ty/Inner Box	Q' ty/Box
28	20	1,200	2,400
29	19	1,140	2,280
30	19	1,140	2,280
31	18	1,080	2,160
32	17	1,020	2,040
33	17	1,020	2,040
34	16	960	1,920
35	16	960	1,920
36	15	900	1,800
37	15	900	1,800
38	15	900	1,800
39	14	840	1,680
40	14	840	1,680
41	14	840	1,680
42	13	780	1,560
43	13	780	1,560
44	13	780	1,560
45	12	720	1,440
46	12	720	1,440
47	12	720	1,440
48	12	720	1,440
49	11	660	1,320
50	11	660	1,320

Note:

	PINS /Row	Q' ty/Tube	Q' ty/Inner Box	Q' ty/Box
W/T CAP	4	120	24,000	48,000
W/O CAP	4	134	26,800	53,600

Note:

	PINS /Row	Q' ty/Tube	Q' ty/Inner Box	Q' ty/Box
W/T CAP	4	120	7,200	144,00
W/O CAP	4	134	8,040	16,080

REV	DATE	MODIFICATION DESCRIPTION	CHANGE	DIM	TOL	APPROVE	DATE	PROJ.
A4	2025/09/27	Standardization Drawing	CP			OPERATION	DATE	SCALE
A3	2023/02/01	Add Flatness	William Chen	x.X	±0.40	DRAW	2025/09/27	Fit
A2	2018/01/05	MODIFY PART NO.	JYHuang	x.xx	±0.25	CHECK	DATE	UNIT
A0	2012/03/01	NEW	William Chen	x.xxx	±0.15	TANG	2025/09/27	SIZE
				Angle	± 3'	APPROVE	DATE	SHEET
						Steven Zhao	2025/09/27	3/5
								PROJ.

PART NO.
1515-22XXXXMXXXXX

TITLE:
1.00 Pin Header, DUAL ROW,
DOUBLE PLASTIC, SMT, H=1.5

Customer NO.

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WCON-Dongguan
Tel: +86 769 85358920
Fax: +86 769 85358915
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WCON-Kunshan
Tel: +86 512 57468408
Fax: +86 512 57468468
E-mail: salesks@wcon.com

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Packaging Quantity Refers To The Following Table

C=3.9

C=3.9

C=5.9

C=5.9

PINS /Row	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
2	16	600	2,400	7,200
3	16	600	2,400	7,200
4	16	600	2,400	7,200
5	16	600	2,400	7,200
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	24	600	1,800	5,400
12	24	600	1,800	5,400
13	24	600	1,800	5,400
14	32	600	1,200	3,600
15	32	600	1,200	3,600
16	32	600	1,200	3,600
17	32	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	44	600	1,200	3,600
24	44	600	1,200	3,600
25	44	600	1,200	3,600
26	44	600	1,200	3,600

PINS /Row	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
27	44	600	1,200	3,600
28	44	600	1,200	3,600
29	44	600	1,200	3,600
30	56	600	600	1,800
31	56	600	600	1,800
32	56	600	600	1,800
33	56	600	600	1,800
34	56	600	600	1,800
35	56	600	600	1,800
36	56	600	600	1,800
37	56	600	600	1,800
38	56	600	600	1,800
39	56	600	600	1,800
40	56	600	600	1,800
41	56	600	600	1,800
42	72	600	600	1,800
43	72	600	600	1,800
44	72	600	600	1,800
45	72	600	600	1,800
46	72	600	600	1,800
47	72	600	600	1,800
48	72	600	600	1,800
49	72	600	600	1,800
50	72	600	600	1,800

PINS /Row	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
2	16	500	2,000	6,000
3	16	500	2,000	6,000
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	24	500	1,500	4,500
11	24	500	1,500	4,500
12	32	500	1,000	3,000
13	32	500	1,000	3,000
14	32	500	1,000	3,000
15	32	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	44	500	1,000	3,000
23	44	500	1,000	3,000
24	44	500	1,000	3,000
25	44	500	1,000	3,000
26	44	500	1,000	3,000

PINS /Row	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
27	44	500	1,000	3,000
28	56	500	500	1,500
29	56	500	500	1,500
30	56	500	500	1,500
31	56	500	500	1,500
32	56	500	500	1,500
33	56	500	500	1,500
34	56	500	500	1,500
35	56	500	500	1,500
36	56	500	500	1,500
37	56	500	500	1,500
38	56	500	500	1,500
39	56	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	72	500	500	1,500
45	72	500	500	1,500
46	72	500	500	1,500
47	72	500	500	1,500
48	72	500	500	1,500
49	72	500	500	1,500
50	72	500	500	1,500

A4	2025/09/27	Standardization Drawing	CP	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.
A3	2023/02/01	Add Flatness	William Chen	x.X ±0.40	CP	2025/09/27	UNIT	mm [inch]	1515-22XXXXMXXXXX
A2	2018/01/05	MODIFY PART NO.	JYHuang	x.xx ±0.25	CHECK	DATE	SIZE	A4	TITLE:
A0	2012/03/01	NEW	William Chen	x.xxx ±0.15	TANG	2025/09/27	SHEET	4/5	1.00 Pin Header, DUAL ROW, DOUBLE PLASTIC, SMT, H=1.5
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3°	APPROVE	DATE	PROJ.	Customer NO.	
				DIM TOL	Steven Zhao	2025/09/27			



Http: www.wcon.com
 WCON-Dongguan Tel: +86 769 85358920
 WCON-Kunshan Tel: +86 512 57468408
 Fax: +86 769 85358915 Fax: +86 512 57468468
 E-mail: sales@wcon.com E-mail: salesks@wcon.com

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Packaging Quantity Refers To The Following Table

C=7.4//C=8.1

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

C=7.4//C=8.1

PINS /Row	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
27	56	300	300	900
28	56	300	300	900
29	56	300	300	900
30	56	300	300	900
31	56	300	300	900
32	56	300	300	900
33	56	300	300	900
34	56	300	300	900
35	56	300	300	900
36	56	300	300	900
37	56	300	300	900
38	72	300	300	900
39	72	300	300	900
40	72	300	300	900
41	72	300	300	900
42	72	300	300	900
43	72	300	300	900
44	72	300	300	900
45	72	300	300	900
46	72	300	300	900
47	72	300	300	900
48	72	300	300	900
49	72	300	300	900
50	72	300	300	900

C=11.0

PINS /Row	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	24	210	630	1,890
7	24	210	630	1,890
8	32	210	420	1,260
9	32	210	420	1,260
10	32	210	420	1,260
11	32	210	420	1,260
12	32	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	44	210	420	1,260
19	44	210	420	1,260
20	44	210	420	1,260
21	44	210	420	1,260
22	44	210	420	1,260
23	56	210	210	630
24	56	210	210	630
25	56	210	210	630
26	56	210	210	630

C=11.0

PINS /Row	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
27	56	210	210	630
28	56	210	210	630
29	56	210	210	630
30	56	210	210	630
31	56	210	210	630
32	56	210	210	630
33	56	210	210	630
34	56	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	72	210	210	630
41	72	210	210	630
42	72	210	210	630
43	72	210	210	630
44	72	210	210	630
45	72	210	210	630
46	72	210	210	630
47	72	210	210	630
48	72	210	210	630
49	72	210	210	630
50	72	210	210	630

A4	2025/09/27	Standardization Drawing	CP	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.
A3	2023/02/01	Add Flatness	William Chen	x.X ±0.40	CP	2025/09/27	UNIT	mm [inch]	1515-22XXXXMXXXXX
A2	2018/01/05	MODIFY PART NO.	JYHuang	x.xx ±0.25	CHECK	DATE	SIZE	A4	TITLE:
A0	2012/03/01	NEW	William Chen	x.xxx ±0.15	TANG	2025/09/27	SHEET	5/5	1.00 Pin Header, DUAL ROW, DOUBLE PLASTIC, SMT, H=1.5
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3°	APPROVE	DATE	PROJ.	Customer NO.	
				DIM TOL	Steven Zhao	2025/09/27			



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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
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