

HSF

NOTES:

Rated Current:1.0AMP.(20°C,2*2P-2*15P)
0.75AMP.(20°C,2*16P-2*50P)

Contact Resistance:30mΩ 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)

Contact Material:Copper Alloy

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

Insulator Material:PA9T+G.F UL94V-0 BK

Ordering Information

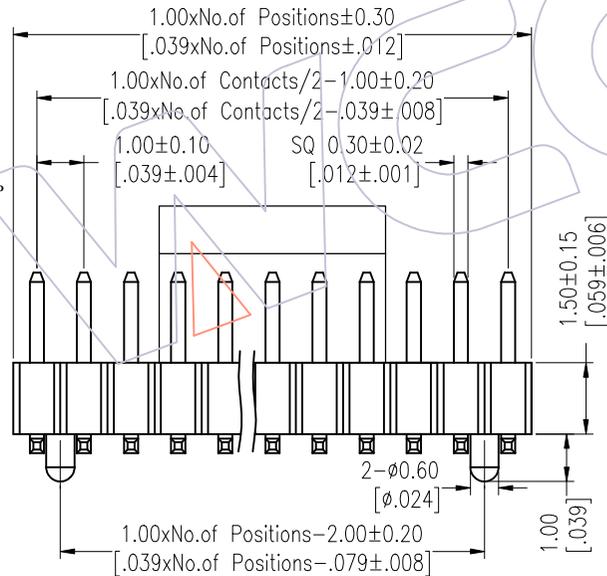
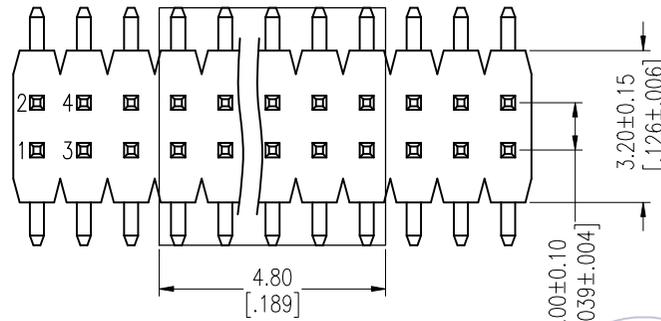
1515-1 2 XX XX M XXX C X XX

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

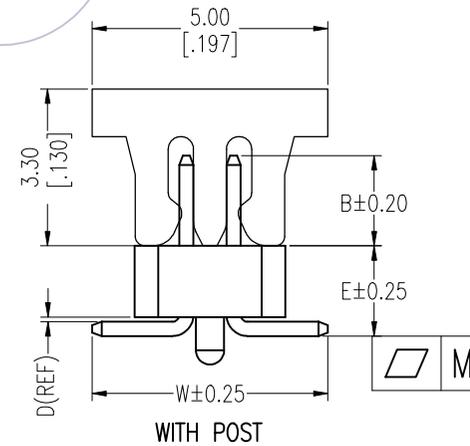
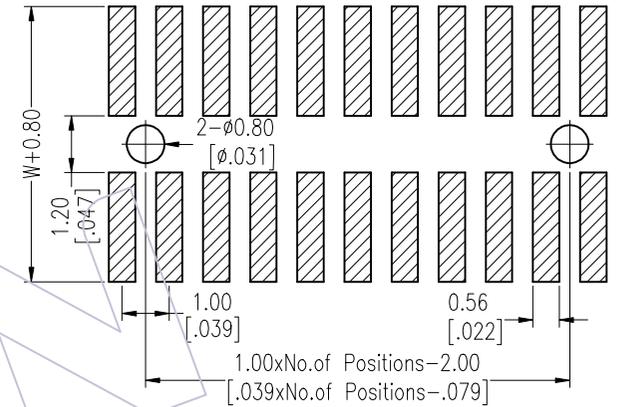
Series No. 01-99
Packing T=Tube P=Tube+CAP R=Tape&Reel+CAP
Insulator Material C=PA9T(Standard)
Pin Length L(See Table)
Type: M=SMT

Item	Pin Length	W	B	D	E	Mating
Standard	5.5	5.0	1.9	0.1	1.9	2521/2537
Alternate						

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



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



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	1515-12XXXXMXXXCXXX
A3	2023/02/01	Add Flatness	Du Ying	x.X ±0.40	CP	2025/09/27	UNIT	mm [inch]	TITLE: 1.00 Pin Header, DUAL ROW, SMT, H=1.5
A2	2018/01/05	MODIFY PART NO.	William Chen	x.XX ±0.25	CHECK	2025/09/27	SIZE	A4	
A0	2012/03/01	NEW	William Chen	x.XXX ±0.15	TANG		SHEET	1/3	
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3'	APPROVE	DATE	SHEET	1/3	Customer NO.
				DIM TOL	Steven Zhao	2025/09/27	PROJ.		

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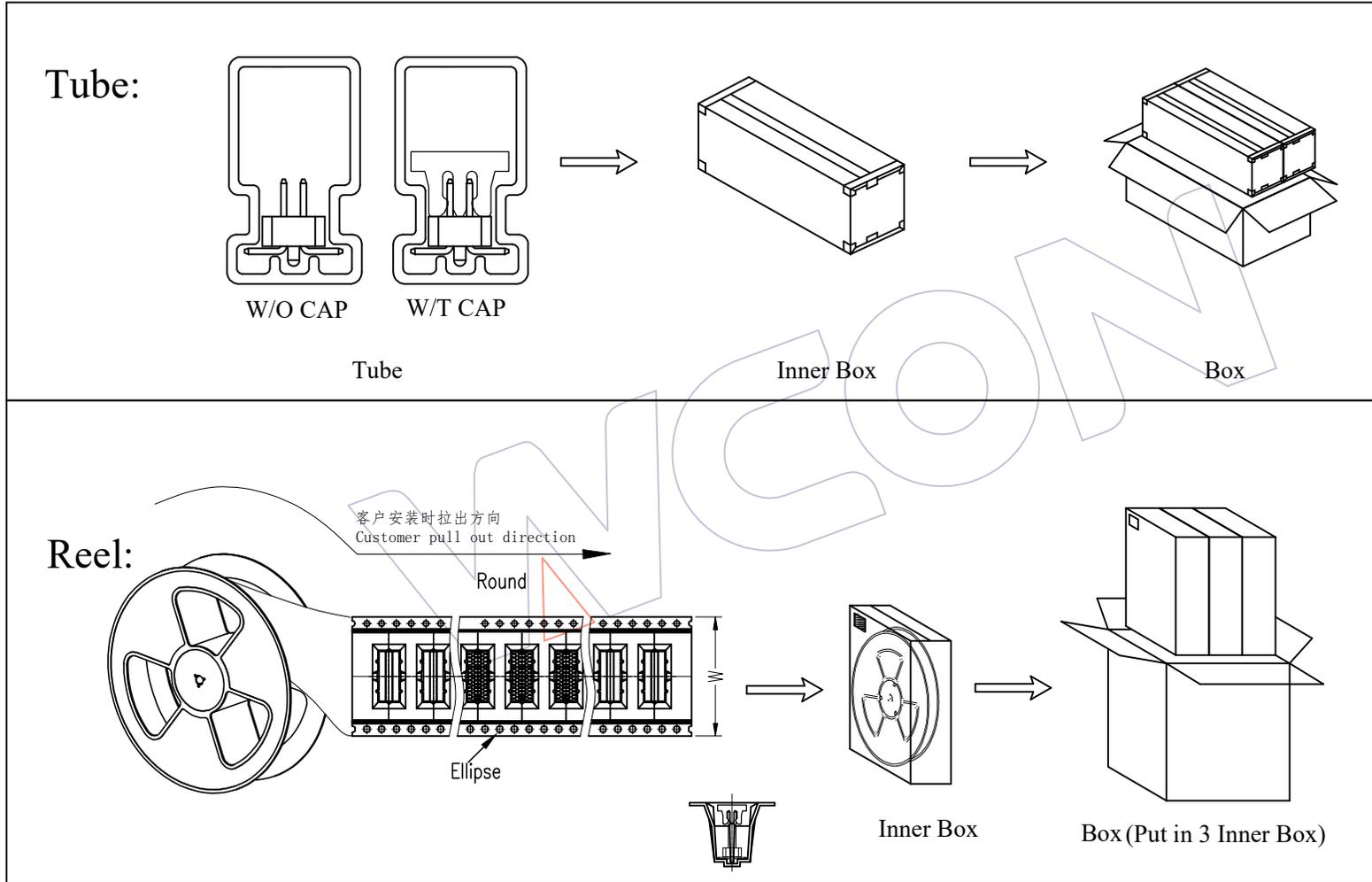
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Packing:



A4	2025/09/27	Standardization Drawing	CP	OPERATION	DRAW	DATE	SCALE	Fit	PART NO. 1515-12XXXXMXXXCXXX
A3	2023/02/01	Add Flatness	Du Ying	x.X ±0.40	CP	2025/09/27	UNIT	mm [inch]	
A2	2018/01/05	MODIFY PART NO.	William Chen	x.xx ±0.25	CHECK	DATE	SIZE	A4	TITLE: 1.00 Pin Header, DUAL ROW, SMT, H=1.5
A0	2012/03/01	NEW	William Chen	x.xxx ±0.15	TANG	2025/09/27	SHEET	2/3	
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3'	APPROVE	DATE	PROJ.		Customer NO.
				DIM TOL	Steven Zhao	2025/09/27			

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Packaging Quantity Refers To The Following Table

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	48	9,600	19,200
13	44	8,800	17,600
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

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

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

PINS /Row	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
27	44	800	1,600	4,800
28	44	800	1,600	4,800
29	44	800	1,600	4,800
30	44	800	1,600	4,800
31	44	800	1,600	4,800
32	56	800	800	2,400
33	56	800	800	2,400
34	56	800	800	2,400
35	56	800	800	2,400
36	56	800	800	2,400
37	56	800	800	2,400
38	56	800	800	2,400
39	56	800	800	2,400
40	56	800	800	2,400
41	56	800	800	2,400
42	56	800	800	2,400
43	56	800	800	2,400
44	72	800	800	2,400
45	72	800	800	2,400
46	72	800	800	2,400
47	72	800	800	2,400
48	72	800	800	2,400
49	72	800	800	2,400
50	72	800	800	2,400

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

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A2	2018/01/05	MODIFY PART NO.	William Chen	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	3/3	1.00 Pin Header, DUAL ROW, 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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