

HSF

NOTES:

Rated Current:1.0AMP.(20°C,2*2P-2*15P)
0.75AMP.(20°C,2*16P-2*50P) $\triangle A4$

Contact Resistance:30mΩ Max.

Withstand Voltage:500V AC/DC

Insulation Resistance:1000MΩ Min.

Operation Temperature:-40°C to +125°C(Gold Plating) $\triangle A4$
-40°C to +105°C(Tin Plating) $\triangle A4$

Contact Material:Copper Alloy

Contact Plating:Au or Sn Over 30u" Min Ni $\triangle A4$

Insulator Material:PA9T+G.F UL94V-0 BK $\triangle A4$

Ordering Information

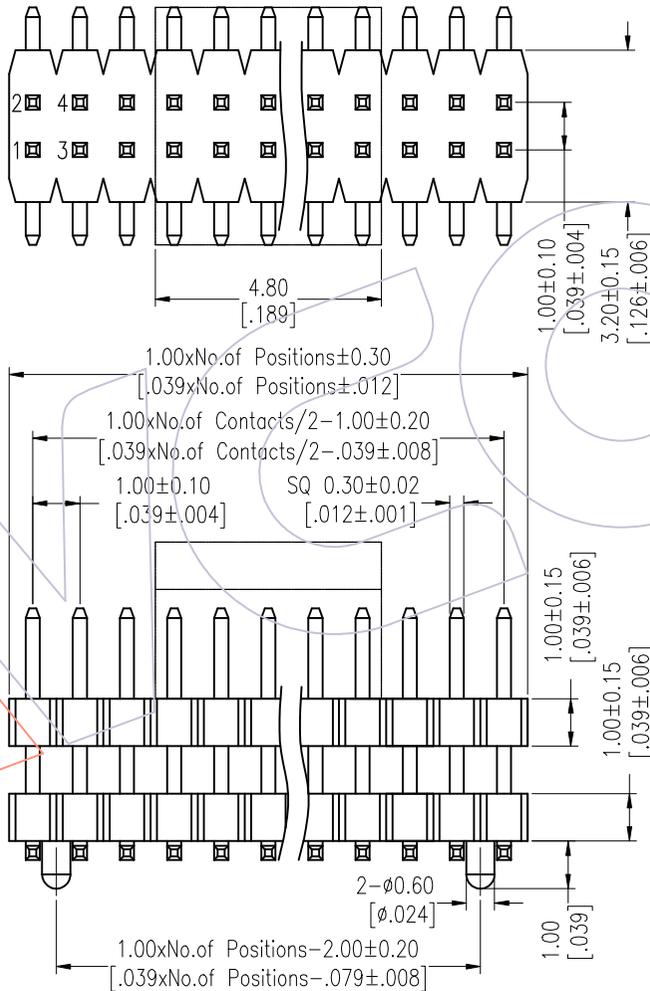
1510-2 2 XX XX M XXX C R XX $\triangle A4$

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
SN=Bright Tin
SM=Matte Tin

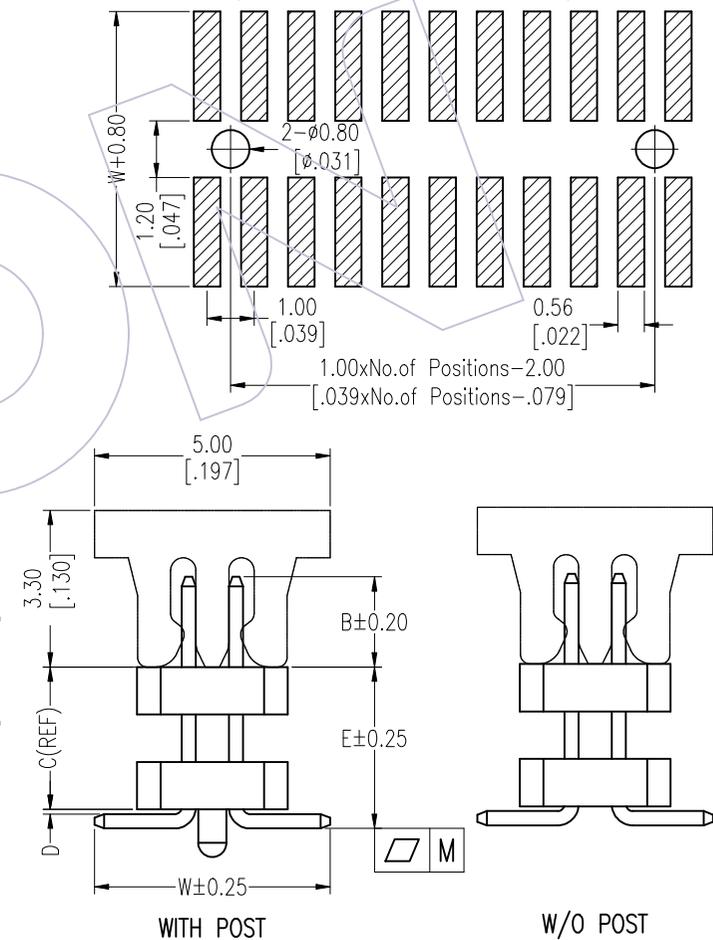
Series No.
01~99
Packing
T=Tube
P=Tube+CAP
R=Tape&Reel+CAP
Insulator Material
C=PA9T(Standard)
Pin Length
L(See Table)
Type:
M=SMT

Item	Pin Length	W	B	D	C	E	Mating
Standard	8.3	5.0	1.9	0.1	4.1	4.5	2521/2537
	9.5				5.3	5.7	2521/2537
Alternate							

PIN(PerRow)	2-15P	16-30P	31-50P
M	0.10	0.15	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	1510-22XXXXMXXXCXXX $\triangle A4$
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, DOUBLE PLASTIC, SMT, H=1.0
A2	2018/01/05	MODIFY PART NO.	William Chen	x.XX ±0.25	CHECK	2025/09/27	SIZE	A4	
A0	2012/03/01	NEW	-----	x.XXX ±0.15	TANG	2025/09/27	SHEET	1/4	
				Angle ± 3'	APPROVE	2025/09/27	SHEET	1/4	Customer NO.
				DIM TOL	Steven Zhao	2025/09/27	PROJ.		

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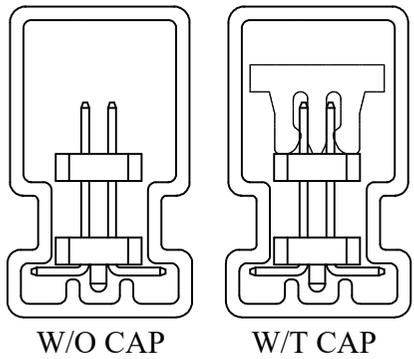
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Packing:

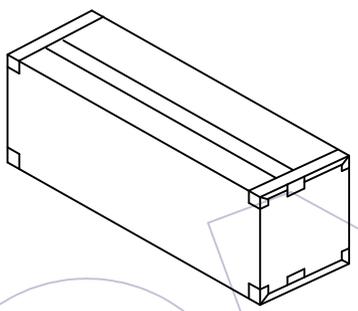
Tube:



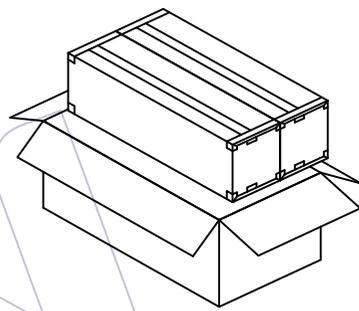
W/O CAP

W/T CAP

Tube

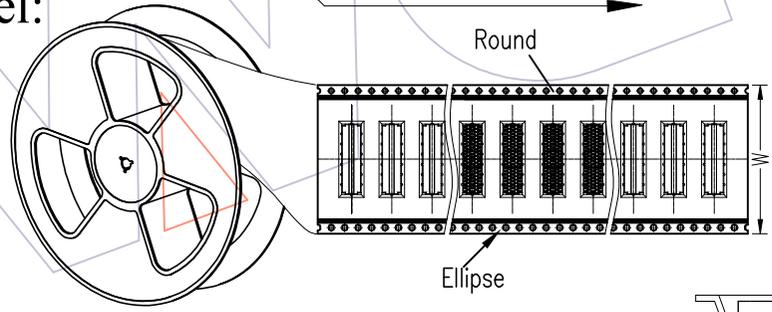


Inner Box



Box

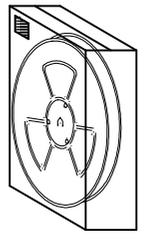
Reel:



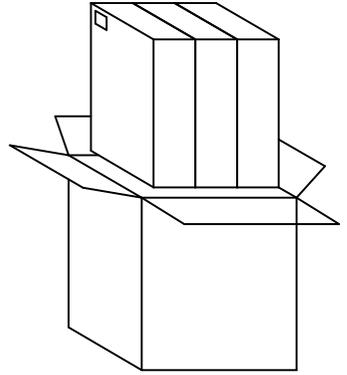
客户安装时拉出方向
Customer pull out direction

Round

Ellipse



Inner Box



Box (Put in 3 Inner Box)

A4	2025/09/27	Standardization Drawing	CP	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.
A3	2023/02/01	Add Flatness	Du Ying	X.X ±0.40	CP	2025/09/27	UNIT	mm [inch]	1510-22XXXXMXXCXXX
A2	2018/01/05	MODIFY PART NO.	William Chen	X.XX ±0.25	CHECK	DATE	SIZE	A4	TITLE:
A0	2012/03/01	NEW	-----	X.XXX ±0.15	TANG	2025/09/27	SHEET	2/4	1.00 Pin Header, DUAL ROW, DOUBLE PLASTIC, SMT, H=1.0
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	PINS /Row	Q' ty/Tube	Q' ty/Inner Box	Q' ty/Box
5	109	21,800	43,600	28	20	4,000	8,000
6	92	18,400	36,800	29	19	3,800	7,600
7	79	15,800	31,600	30	19	3,800	7,600
8	72	14,400	28,800	31	18	3,600	7,200
9	62	12,400	24,800	32	17	3,400	6,800
10	56	11,200	22,400	33	17	3,400	6,800
11	51	10,200	20,400	34	16	3,200	6,400
12	47	9,400	18,800	35	16	3,200	6,400
13	43	8,600	17,200	36	15	3,000	6,000
14	40	8,000	16,000	37	15	3,000	6,000
15	37	7,400	14,800	38	15	3,000	6,000
16	35	7,000	14,000	39	14	2,800	5,600
17	33	6,600	13,200	40	14	2,800	5,600
18	31	6,200	12,400	41	14	2,800	5,600
19	30	6,000	12,000	42	13	2,600	5,200
20	28	5,600	11,200	43	13	2,600	5,200
21	27	5,400	10,800	44	13	2,600	5,200
22	26	5,200	10,400	45	12	2,400	4,800
23	24	4,800	9,600	46	12	2,400	4,800
24	23	4,600	9,200	47	12	2,400	4,800
25	22	4,400	8,800	48	12	2,400	4,800
26	22	4,400	8,800	49	11	2,200	4,400
27	21	4,200	8,400	50	11	2,200	4,400

C=4.1

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	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	24	600	1,800	5,400
12	24	600	1,800	5,400
13	32	600	1,200	3,600
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

C=4.1

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

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

A4	2025/09/27	Standardization Drawing	CP	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.
A3	2023/02/01	Add Flatness	Du Ying	x.X ±0.40	CP	2025/09/27	UNIT	mm [inch]	1510-22XXXXMXXXCXXX Δ
A2	2018/01/05	MODIFY PART NO.	William Chen	x.XX ±0.25	CHECK	DATE	SIZE	A4	TITLE:
A0	2012/03/01	NEW	-----	x.XXX ±0.15	TANG	2025/09/27	SHEET	3/4	1.00 Pin Header, DUAL ROW, DOUBLE PLASTIC, SMT, H=1.0
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3'	APPROVE	DATE	PROJ.	ϕ \leftarrow	Customer NO.
				DIM TOL	Steven Zhao	2025/09/27			

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Packaging Quantity Refers To The Following Table

C=5.3

C=5.3

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	Du Ying	x.X ±0.40	CP	2025/09/27	UNIT	mm [inch]	1510-22XXXXMXXCXXX
A2	2018/01/05	MODIFY PART NO.	William Chen	x.XX ±0.25	CHECK	DATE	SIZE	A4	TITLE:
A0	2012/03/01	NEW	-----	x.XXX ±0.15	TANG	2025/09/27	SHEET	4/4	1.00 Pin Header, DUAL ROW, DOUBLE PLASTIC, SMT, H=1.0
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3'	APPROVE	DATE	PROJ.		Customer NO.
				DIM TOL	Steven Zhao	2025/09/27			

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