

HSF

NOTES:

Rated Current:1.0AMP.(20℃,2*2P-2*15P)

0.75AMP.(20℃,2*16P-2*50P) 

Contact Resistance:30mΩ Max.

Withstand Voltage:500V AC/DC

Insulation Resistance:1000MΩ Min.

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

-40℃ to +105℃(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

1510-1 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

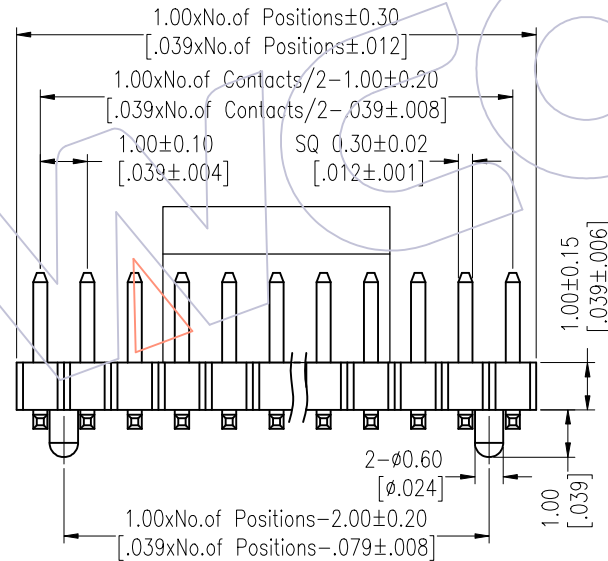
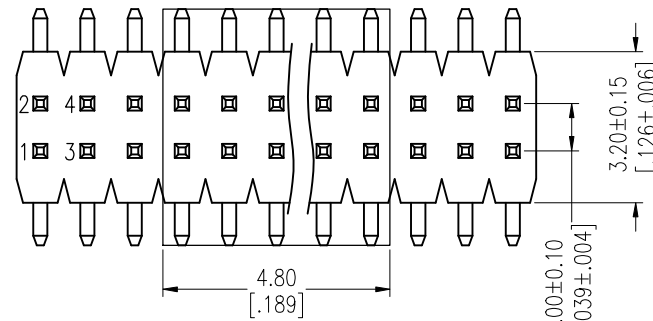
C=PA9T(Standard)

Pin Length

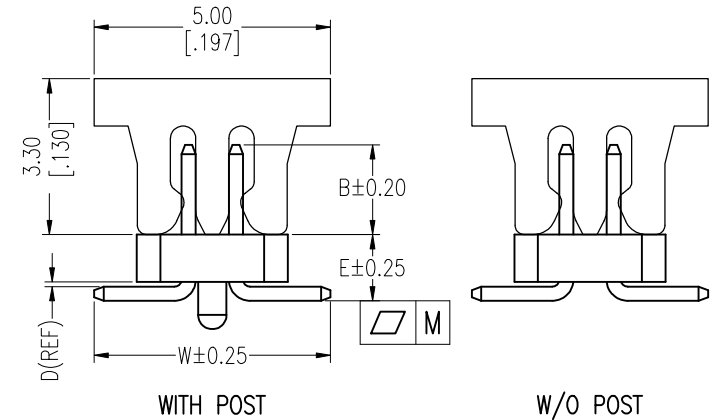
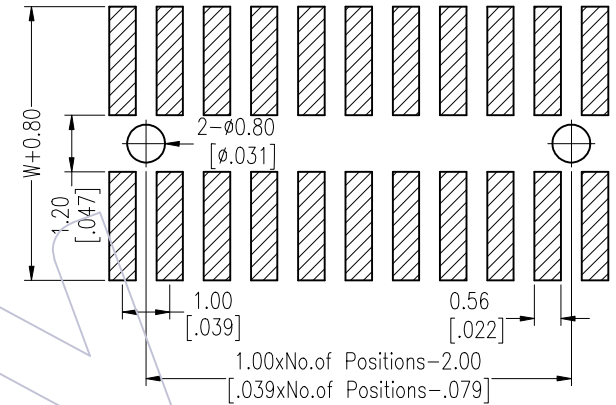
L(See Table)

Type:

M=SMT



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



Item	Pin Length	W	B	D	E	Mating
Standard	5.0	5.0	1.9	0.1	1.4	2521/2537
Alternate						

PIN(PerRow)	2-15P	16-30P	31-50P
M	0.10	0.15	0.18

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]	1510-12XXXXMXXXCXXX 
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	1/3	1.00 Pin Header, DUAL ROW, SMT, H=1.0
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3'	APPROVE	DATE	PROJ.		Customer NO.
				DIM TOL	Steven Zhao	2025/09/27			

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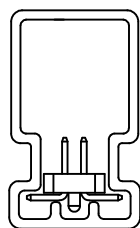
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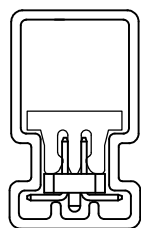
HSF

Packing:

Tube:

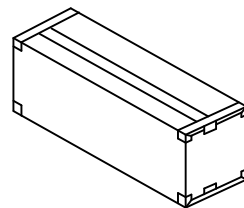


W/O CAP

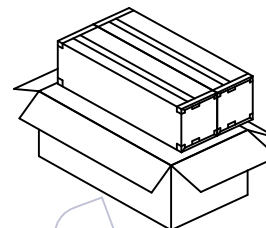


W/T CAP

Tube

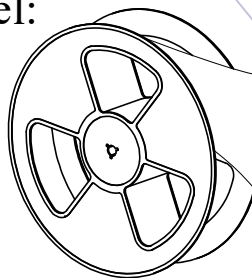


Inner Box



Box

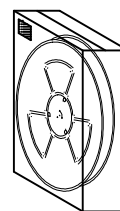
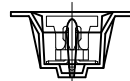
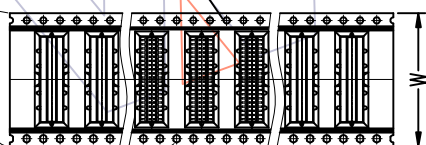
Reel:



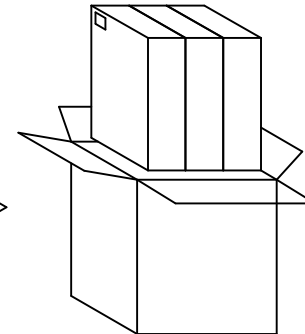
客户安装时拉出方向
Customer pull out direction

Round

Ellipse



Inner Box



Box (Put in 3 Inner Box)

A4	2025/09/27	Standardization Drawing	CP	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.	WCON 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
A3	2023/02/01	Add Flatness	Du Ying	X.X ±0.40	CP	2025/09/27	UNIT	mm [inch]	1510-12XXXXMXXCXXX	
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=1.0	
A0	2012/03/01	NEW	William Chen	X.XXX ±0.15	TANG	2025/09/27	SHEET	2/3	Customer NO.	
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3° DIM TOL	APPROVE Steven Zhao	DATE	PROJ.			
						2025/09/27				

HSF

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	96	19,200	38,400
7	79	15,800	31,600
8	69	13,800	27,600
9	62	12,400	24,800
10	56	11,200	22,400
11	51	10,200	20,400
12	48	9,600	19,200
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

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	900	5,400	16,200
3	12	900	5,400	16,200
4	16	900	3,600	10,800
5	24	900	2,700	8,100
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	24	900	2,700	8,100
13	24	900	2,700	8,100
14	24	900	2,700	8,100
15	24	900	2,700	8,100
16	32	900	1,800	5,400
17	32	900	1,800	5,400
18	32	900	1,800	5,400
19	32	900	1,800	5,400
20	32	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	44	900	1,800	5,400
26	44	900	1,800	5,400
27	44	900	1,800	5,400
28	44	900	1,800	5,400
29	44	900	1,800	5,400
30	44	900	1,800	5,400
31	44	900	1,800	5,400
32	44	900	1,800	5,400
33	56	900	900	2,700
34	56	900	900	2,700
35	56	900	900	2,700
36	56	900	900	2,700
37	56	900	900	2,700
38	56	900	900	2,700
39	56	900	900	2,700
40	56	900	900	2,700
41	56	900	900	2,700
42	56	900	900	2,700
43	56	900	900	2,700
44	56	900	900	2,700
45	56	900	900	2,700
46	72	900	900	2,700
47	72	900	900	2,700
48	72	900	900	2,700
49	72	900	900	2,700
50	72	900	900	2,700

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]	1510-12XXXXMXXXCXXX A2
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=1.0
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3° DIM TOL	APPROVE Steven Zhao	DATE 2025/09/27	PROJ.	Customer NO.	

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