

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 S 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
A=Tray

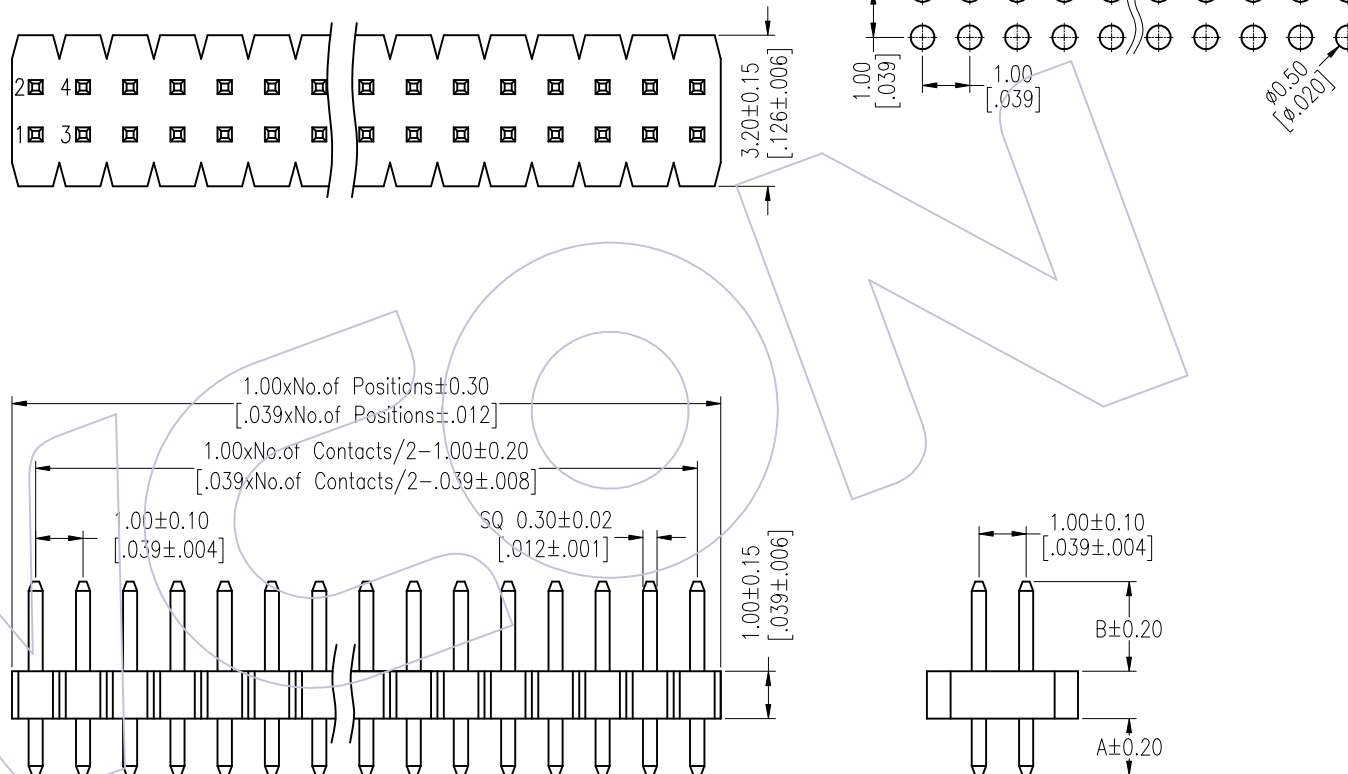
Insulator Material
C=PA9T(Standard)

Pin Length
L(See Table)

Type
S=S/T

Item	Pin Length	A	B	Mating
Standard	5.8	3.0	1.9	2521/2537
	4.8	2.0 (THR)	1.9	2521/2537
Alternate				

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



A3	2025/09/25	Standardization Drawing	CP	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.
A2	2018/01/05	MODIFY PART NO.	William Chen	X.X ±0.40	CP	2025/09/25	UNIT	mm [inch]	1510-12XXXXXXXCXXX
A1	2012/11/20	Modify the material	JYHuang	X.XX ±0.25	CHECK	DATE	SIZE	A4	TITLE:
A0	2012/03/01	NEW	William Chen	X.XXX ±0.15	TANG	2025/09/25	SHEET	1/2	1.00 Pin Header, DUAL ROW, S/T, H=1.0
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3'	APPROVE	DATE	PROJ.		Customer NO.
				DIM TOL	Steven Zhao	2025/09/25			

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Http: www.wcon.com

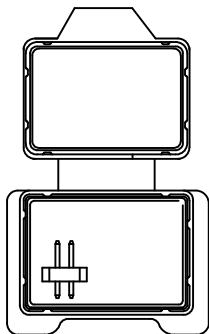
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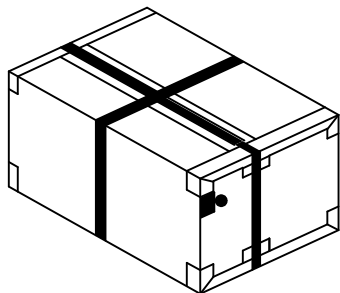
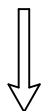
HSF

Packing:

Tray:



Tray



Box

Packaging Quantity Refers To The Following Table

PINS /Row	Q' ty/Tray (L≤5.0)	Q' ty/Box	PINS /Row	Q' ty/Tray (L≤5.0)	Q' ty/Box	PINS /Row	Q' ty/Tray (L=5.9)	Q' ty/Box	PINS /Row	Q' ty/Tray (L=5.9)	Q' ty/Box
1	2,500	120,000	26	200	9,600	1	2,000	96,000	26	100	4,800
2	2,000	96,000	27	200	9,600	2	1,500	72,000	27	100	4,800
3	2,000	96,000	28	200	9,600	3	1,000	48,000	28	100	4,800
4	1,500	72,000	29	200	9,600	4	800	38,400	29	100	4,800
5	1,000	48,000	30	200	9,600	5	600	28,800	30	100	4,800
6	1,000	48,000	31	150	7,200	6	500	24,000	31	100	4,800
7	1,000	48,000	32	150	7,200	7	300	14,400	32	100	4,800
8	800	38,400	33	150	7,200	8	300	14,400	33	100	4,800
9	800	38,400	34	150	7,200	9	300	14,400	34	100	4,800
10	800	38,400	35	150	7,200	10	300	14,400	35	100	4,800
11	600	28,800	36	150	7,200	11	300	14,400	36	100	4,800
12	600	28,800	37	150	7,200	12	200	9,600	37	100	4,800
13	600	28,800	38	150	7,200	13	200	9,600	38	100	4,800
14	500	24,000	39	150	7,200	14	200	9,600	39	50	2,400
15	500	24,000	40	150	7,200	15	200	9,600	40	50	2,400
16	500	24,000	41	80	3,840	16	200	9,600	41	50	2,400
17	300	14,400	42	80	3,840	17	200	9,600	42	50	2,400
18	300	14,400	43	80	3,840	18	100	4,800	43	50	2,400
19	300	14,400	44	80	3,840	19	100	4,800	44	50	2,400
20	300	14,400	45	80	3,840	20	100	4,800	45	50	2,400
21	300	14,400	46	80	3,840	21	100	4,800	46	50	2,400
22	300	14,400	47	80	3,840	22	100	4,800	47	50	2,400
23	300	14,400	48	80	3,840	23	100	4,800	48	50	2,400
24	300	14,400	49	80	3,840	24	100	4,800	49	50	2,400
25	300	14,400	50	80	3,840	25	100	4,800	50	50	2,400

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REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3° DIM TOL	APPROVE Steven Zhao	DATE	PROJ.		Customer NO.		
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