

HSF

NOTES:

Rated Current:1.0AMP.(20℃,1*2P-1*15P)

0.75AMP.(20℃,1*16P-1*50P) $\triangle A3$

Contact Resistance:30mΩ Max.

Withstand Voltage:500V AC/DC

Insulation Resistance:1000MΩ Min. $\triangle A3$

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 $\triangle A3$

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

Ordering Information

1510-1 1 XX XX R XXX X X XX $\triangle A3$

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)

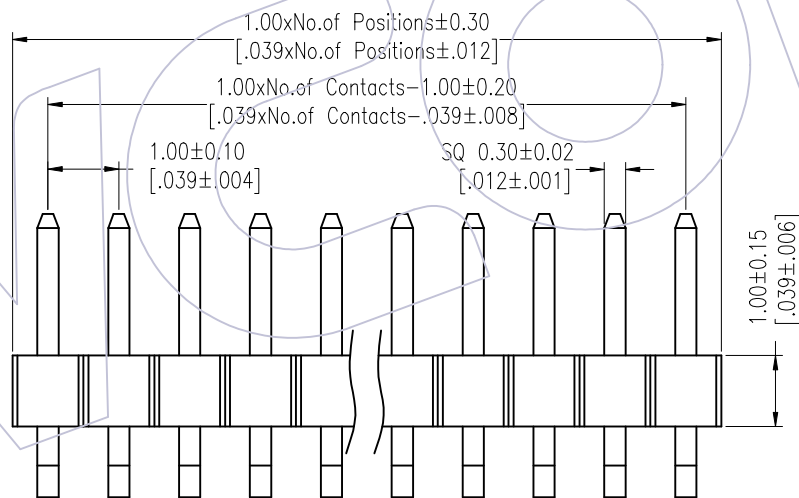
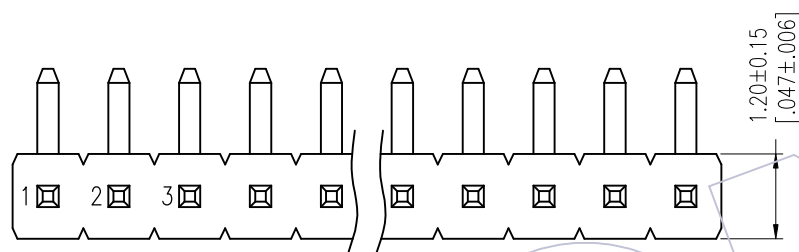
Pin Length

L(See Table)

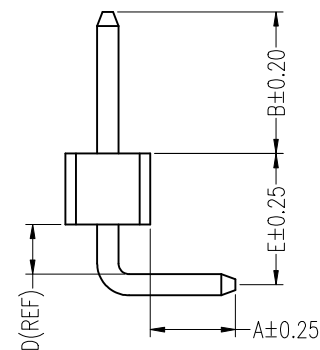
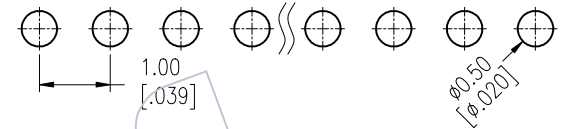
Type:

R=R/A

Item	Pin Length	A	D	E	B	Mating
Standard	7.0	3.0	0.7	1.85	1.9	2521/2537
	6.0	2.0 (THR)	0.7	1.85	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]	1510-11XXXXRXXCXXX $\triangle A2$
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, SINGLE ROW, R/A, 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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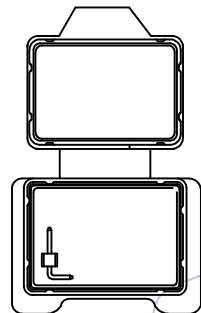
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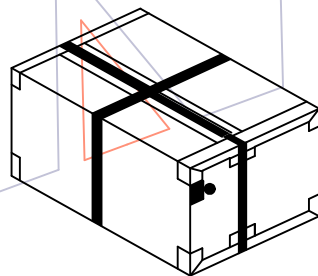
HSF

Packing:

Tray:



Tray



Box

Packaging Quantity Refers To The Following Table

PINS	Q' ty/Tray (L≤10)	Q' ty/Box	PINS	Q' ty/Tray (L≤10)	Q' ty/Box
1	2,500	120,000	26	150	7,200
2	2,000	96,000	27	150	7,200
3	2,000	96,000	28	150	7,200
4	1,500	72,000	29	150	7,200
5	1,500	72,000	30	150	7,200
6	1,000	48,000	31	100	4,800
7	500	24,000	32	100	4,800
8	500	24,000	33	100	4,800
9	500	24,000	34	100	4,800
10	500	24,000	35	100	4,800
11	300	14,400	36	100	4,800
12	300	14,400	37	100	4,800
13	300	14,400	38	100	4,800
14	300	14,400	39	100	4,800
15	300	14,400	40	100	4,800
16	300	14,400	41	80	3,840
17	250	12,000	42	80	3,840
18	250	12,000	43	80	3,840
19	250	12,000	44	80	3,840
20	250	12,000	45	80	3,840
21	200	9,600	46	80	3,840
22	200	9,600	47	80	3,840
23	200	9,600	48	80	3,840
24	200	9,600	49	80	3,840
25	200	9,600	50	80	3,840

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REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3° DIM TOL	APPROVE Steven Zhao	DATE 2025/09/25	PROJ.	Customer NO.	

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