

# HSF

**NOTES:**

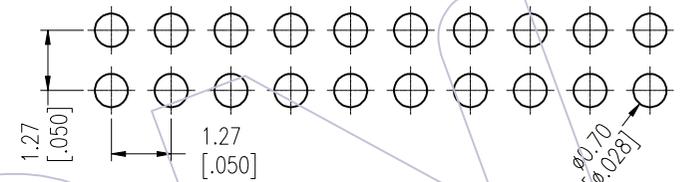
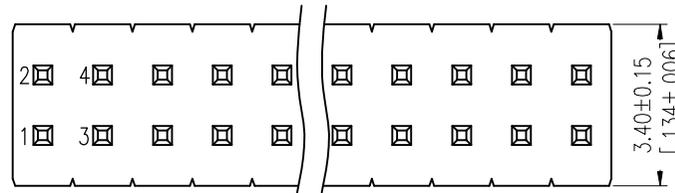
Rated Current: 1.5AMP.(20°C, 2\*2P-2\*15P)  
 1.0AMP.(20°C, 2\*16P-2\*50P) A2

Contact Resistance: 20mΩ 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) A2

Contact Material: Copper Alloy  
 Contact Plating: Au or Sn Over 30u" Min Ni A2  
 Insulator Material: PA9T+G.F UL94V-0 BK A2

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

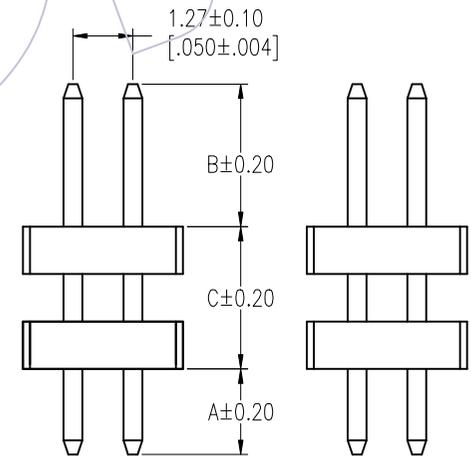
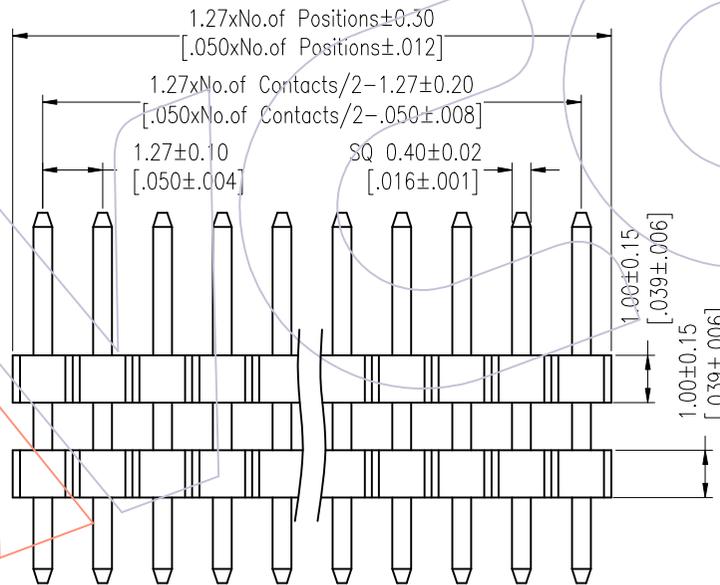


## Ordering Information

1310-2 2 XX XX S XXX C X XX A2

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  
 S0=Gold Flash/Tin  
 S3=10u"Au/Sn, P3=8u"PdNi+2u"Au/Sn  
 S4=15u"Au/Sn, P4=13u"PdNi+2u"Au/Sn  
 S5=30u"Au/Sn, P5=28u"PdNi+2u"Au/Sn  
 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



TYPE-1

TYPE-2

REV	DATE	MODIFICATION DESCRIPTION	CHANGE	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.
A2	2025/09/05	Standardization Drawing	CP	x.X ±0.40	CP	2025/09/05	UNIT	mm [inch]	1310-22XXXXXXCXXX <span style="border: 1px solid black; padding: 2px;">A2</span>
A1	2018/01/12	MODIFY PART NO.	William Chen	x.xx ±0.25	CHECK	DATE	SIZE	A4	TITLE:
AO	2012/03/13	NEW	William Chen	x.xxx ±0.15	TANG	2025/09/05	SHEET	1/3	1.27 Pin Header, DUAL ROW, S/T, DOUBLE PLASTIC, H=1.0
				Angle ± 3'	APPROVE	DATE	PROJ.		Customer NO.
				DIM TOL	Steven Zhao	2025/09/05			

**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: sales@wcon.com

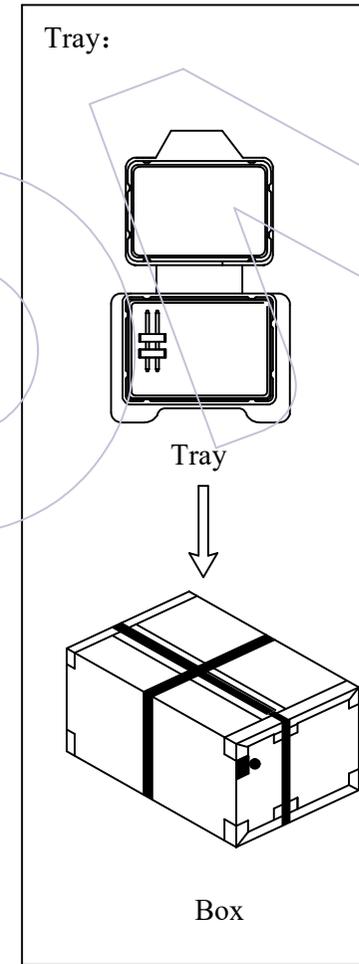
# HSF

Table 1

Item	Pin Length	A	C	B	Mating
Standard	8.5	3.00	3.4	2.0	2321/2320T
	9.5			3.0	2334/2344/2346
	10.0			3.5	2357
	11.0			4.5	2345/2385
	9.5		4.5	2.0	2321/2320T
	10.5			3.0	2334/2344/2346
	11.0			3.5	2357
	12.0			4.5	2345/2385
	10.0		5.0	2.0	2321/2320T
	11.0			3.0	2334/2344/2346
	11.5	3.5		2357	
	12.5	4.5		2345/2385	
	12.0	9.9	2.0	2321/2320T	
	13.0		3.0	2334/2344/2346	
	13.5		3.5	2357	
	14.5		4.5	2345/2385	
	16.0	11.0	2.0	2321/2320T	
	17.0		3.0	2334/2344/2346	
	17.5		3.5	2357	
	18.5		4.5	2345/2385	
19.5	14.5	2.0	2321/2320T		
20.5		3.0	2334/2344/2346		
21.0		3.5	2357		
22.0		4.5	2345/2385		
Alternate					

Item	Pin Length	A	C	B	Mating
Standard	7.5	2.0 (THR)	3.4	2.0	2321/2320T
	8.5			3.0	2334/2344/2346
	9.0			3.5	2357
	10.0			4.5	2345/2385
	8.5		4.5	2.0	2321/2320T
	9.5			3.0	2334/2344/2346
	10.0			3.5	2357
	11.0			4.5	2345/2385
	9.0		5.0	2.0	2321/2320T
	10.0			3.0	2334/2344/2346
	10.5	3.5		2357	
	11.5	4.5		2345/2385	
	11.0	9.9	2.0	2321/2320T	
	12.0		3.0	2334/2344/2346	
	12.5		3.5	2357	
	13.5		4.5	2345/2385	
	15.0	11.0	2.0	2321/2320T	
	16.0		3.0	2334/2344/2346	
	16.5		3.5	2357	
	17.5		4.5	2345/2385	
18.5	14.5	2.0	2321/2320T		
19.5		3.0	2334/2344/2346		
20.0		3.5	2357		
21.0		4.5	2345/2385		
Alternate					

Packing:



REV	DATE	MODIFICATION DESCRIPTION	CHANGE	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.
A2	2025/09/05	Standardization Drawing	CP	x.X ±0.40	CP	2025/09/05	UNIT	mm [inch]	1310-22XXXXXXCXXX $\Delta$
A1	2018/01/12	MODIFY PART NO.	William Chen	x.xx ±0.25	CHECK TANG	2025/09/05	SIZE	A4	TITLE: 1.27 Pin Header, DUAL ROW, S/T, DOUBLE PLASTIC, H=1.0
A0	2012/03/13	NEW	William Chen	x.xxx ±0.15	APPROVE Steven Zhao	2025/09/05	SHEET	2/3	Customer NO.
				Angle ± 3'			PROJ.		
				DIM TOL					



Http: [www.wcon.com](http://www.wcon.com)

WCON-Dongguan Tel: +86 769 85358920 Fax: +86 769 85358915 E-mail: <a href="mailto:sales@wcon.com">sales@wcon.com</a>	WCON-Kunshan Tel: +86 512 57468408 Fax: +86 512 57468468 E-mail: <a href="mailto:salesks@wcon.com">salesks@wcon.com</a>
---	--

# HSF

## Packaging Quantity Refers To The Following Table

PINS /Row	Q' ty/Tray (L≤9.0)	Q' ty/Box	PINS /Row	Q' ty/Tray (L≤9.0)	Q' ty/Box	PINS /Row	Q' ty/Tray (9.5<L<19)	Q' ty/Box	PINS /Row	Q' ty/Tray (9.5<L<19)	Q' ty/Box	PINS /Row	Q' ty/Tray (L>19)	Q' ty/Box	PINS /Row	Q' ty/Tray (L>19)	Q' ty/Box
1	1,500	72,000	26	200	9,600	1	500	24,000	26	100	4,800	1	300	14,400	26	50	2,400
2	1,500	72,000	27	200	9,600	2	500	24,000	27	100	4,800	2	300	14,400	27	50	2,400
3	1,500	72,000	28	200	9,600	3	500	24,000	28	100	4,800	3	300	14,400	28	50	2,400
4	1,000	48,000	29	200	9,600	4	500	24,000	29	100	4,800	4	300	14,400	29	50	2,400
5	1,000	48,000	30	200	9,600	5	300	14,400	30	100	4,800	5	200	9,600	30	50	2,400
6	1,000	48,000	31	200	9,600	6	300	14,400	31	80	3,840	6	200	9,600	31	30	1,440
7	800	38,400	32	150	7,200	7	300	14,400	32	80	3,840	7	200	9,600	32	30	1,440
8	800	38,400	33	150	7,200	8	200	9,600	33	80	3,840	8	100	4,800	33	30	1,440
9	500	24,000	34	150	7,200	9	200	9,600	34	80	3,840	9	100	4,800	34	30	1,440
10	500	24,000	35	150	7,200	10	150	7,200	35	80	3,840	10	100	4,800	35	30	1,440
11	500	24,000	36	150	7,200	11	150	7,200	36	60	2,880	11	100	4,800	36	30	1,440
12	500	24,000	37	150	7,200	12	150	7,200	37	60	2,880	12	100	4,800	37	30	1,440
13	300	14,400	38	100	4,800	13	150	7,200	38	60	2,880	13	100	4,800	38	30	1,440
14	300	14,400	39	100	4,800	14	150	7,200	39	60	2,880	14	80	3,840	39	30	1,440
15	300	14,400	40	100	4,800	15	150	7,200	40	60	2,880	15	80	3,840	40	30	1,440
16	300	14,400	41	40	1,920	16	100	4,800	41	20	960	16	80	3,840	41	15	720
17	300	14,400	42	40	1,920	17	100	4,800	42	20	960	17	50	2,400	42	15	720
18	300	14,400	43	40	1,920	18	100	4,800	43	20	960	18	50	2,400	43	15	720
19	300	14,400	44	40	1,920	19	100	4,800	44	20	960	19	50	2,400	44	15	720
20	250	12,000	45	40	1,920	20	100	4,800	45	20	960	20	50	2,400	45	15	720
21	250	12,000	46	40	1,920	21	100	4,800	46	20	960	21	50	2,400	46	15	720
22	250	12,000	47	30	1,440	22	100	4,800	47	20	960	22	50	2,400	47	15	720
23	250	12,000	48	30	1,440	23	100	4,800	48	20	960	23	50	2,400	48	15	720
24	250	12,000	49	30	1,440	24	100	4,800	49	20	960	24	50	2,400	49	15	720
25	250	12,000	50	30	1,440	25	100	4,800	50	20	960	25	50	2,400	50	15	720

A2	2025/09/05	Standardization Drawing	CP	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.
A1	2018/01/12	MODIFY PART NO.	William Chen	x.X ±0.40	CP	2025/09/05	UNIT	mm [inch]	1310-22XXXXXXCXXX
AO	2012/03/13	NEW	William Chen	x.xx ±0.25	CHECK	DATE	SIZE	A4	TITLE:
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	x.xxx ±0.15	TANG	2025/09/05	SHEET	3/3	1.27 Pin Header, DUAL ROW, S/T, DOUBLE PLASTIC, H=1.0
				Angle ± 3'	APPROVE	DATE	PROJ.		Customer NO.
				DIM TOL	Steven Zhao	2025/09/05			



Http: [www.wcon.com](http://www.wcon.com)

WCON-Dongguan Tel: +86 769 85358920 Fax: +86 769 85358915 E-mail: <a href="mailto:sales@wcon.com">sales@wcon.com</a>	WCON-Kunshan Tel: +86 512 57468408 Fax: +86 512 57468468 E-mail: <a href="mailto:salesks@wcon.com">salesks@wcon.com</a>
---	--