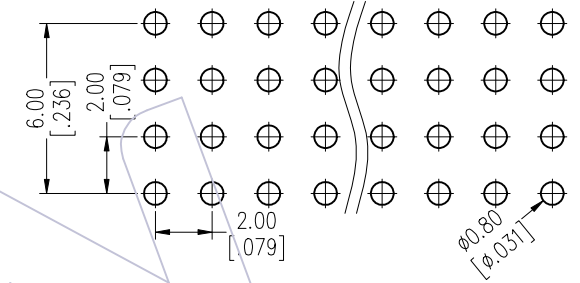
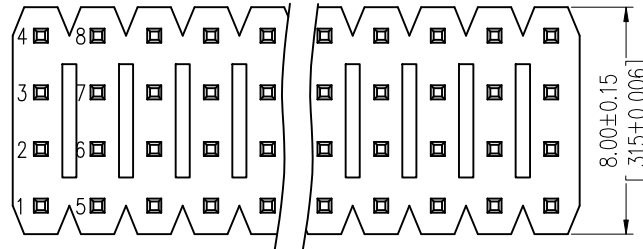


# HSF

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

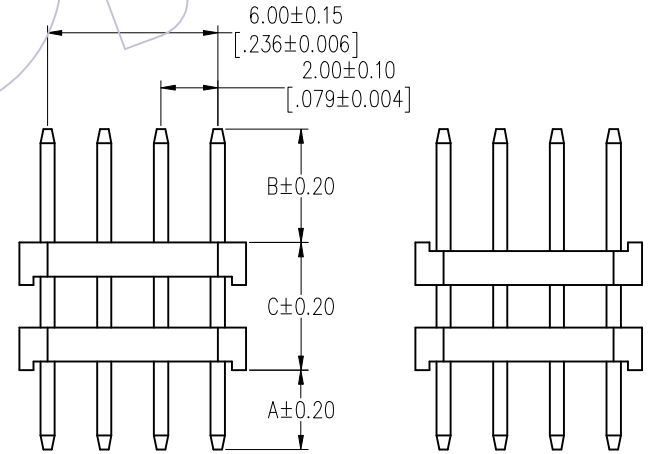
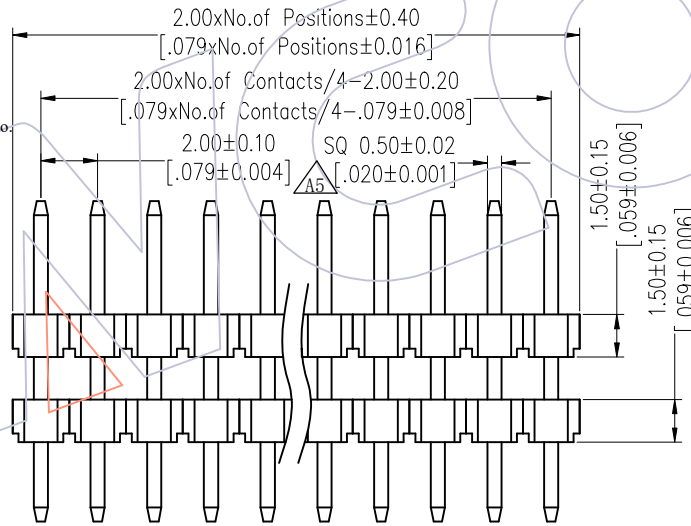
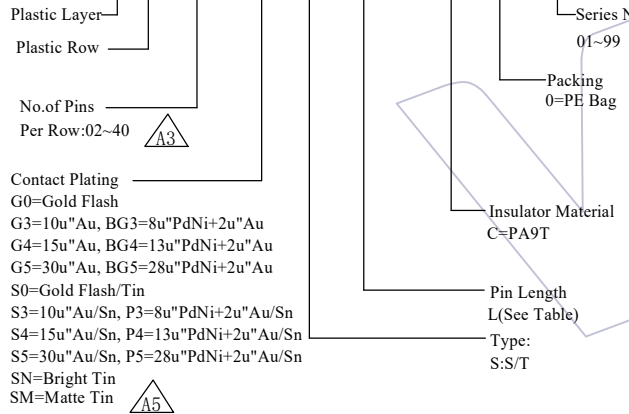
**NOTES:**

- Rated Current: 3.0AMP.(20°C,4\*2P-4\*15P) △A5
- 2.0AMP.(20°C,4\*16P-4\*40P) △A5
- Contact Resistance: 20mΩ Max.
- Withstand Voltage: 500V AC/DC
- Insulation Resistance: 1000MΩ Min.
- Operation Temperature: -40°C to +125°C(Gold Plating) △A2 △A5
- 40°C to +105°C(Tin Plating)
- Contact Material: Copper Alloy
- Contact Plating: Au or Sn Over 30u" Min Ni △A5
- Insulator Material: PA9T+G.F UL94V-0 BK



## Ordering Information

1215- 2 4 XX XX S XXX C 0 XX △A1



TYPE 1

TYPE 2

A5	2025/07/31	Standardization Drawing	CP	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.
A4	2025/03/21	Modify Drawing	CP	x.x ±0.40	CP	2025/07/31	UNIT	mm	1215-24XXXXXXC0XX <span style="float: right;">△A1</span>
A3	2020/06/12	Modify Pin 04~40P	Du Ying	x.xx ±0.25	CHECK	DATE	SIZE	A4	TITLE:
A0	2012/04/18	NEW	William Chen	x.xxx ±0.15	TANG	2025/07/31	SHEET	1/3	PH2.00 FOUR ROW DOUBLE PLASTIC 180° H=1.5
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3°	APPROVE	DATE	PROJ.		Customer NO.
				DIM TOL	Steven Zhao	2025/07/31			



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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>
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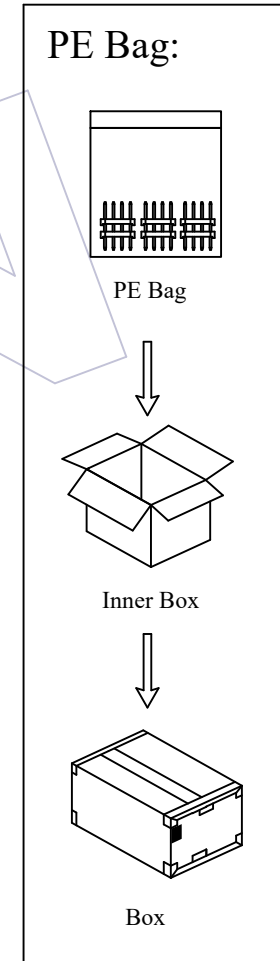
# HSF

Table 1

Item	L	C	A	B	Mating
Standard	12.3	7.0	2.8	2.5	2220T/2221/2228
	12.8			3.0	2227T/2228T/2245
	13.3			3.5	2235/2240N/2243C
	13.8			4.0	2240/2243/2245T/2263/2272
	13.3	8.0		2.5	2220T/2221/2228
	13.8			3.0	2227T/2228T/2245
	14.2			3.5	2235/2240N/2243C
	14.8			4.0	2240/2243/2245T/2263/2272
	15.0	9.8		2.5	2220T/2221/2228
	15.5			3.0	2227T/2228T/2245
	16.0			3.5	2235/2240N/2243C
	16.5			4.0	2240/2243/2245T/2263/2272
16.3	10.9	2.5	2220T/2221/2228		
16.8		3.0	2227T/2228T/2245		
17.2		3.5	2235/2240N/2243C		
17.8		4.0	2240/2243/2245T/2263/2272		
17.5	12.2	2.5	2220T/2221/2228		
18.0		3.0	2227T/2228T/2245		
18.5		3.5	2235/2240N/2243C		
19.0		4.0	2240/2243/2245T/2263/2272		
21.3	15.9	2.5	2220T/2221/2228		
21.8		3.0	2227T/2228T/2245		
22.2		3.5	2235/2240N/2243C		
22.7		4.0	2240/2243/2245T/2263/2272		
Alternate					

Item	L	C	A	B	Mating
Standard	11.5	7.0	2.0 (THR)	2.5	2220T/2221/2228
	12.0			3.0	2227T/2228T/2245
	12.5			3.5	2235/2240N/2243C
	13.0			4.0	2240/2243/2245T/2263/2272
	12.5	8.0		2.5	2220T/2221/2228
	13.0			3.0	2227T/2228T/2245
	13.5			3.5	2235/2240N/2243C
	14.0			4.0	2240/2243/2245T/2263/2272
	14.2	9.8		2.5	2220T/2221/2228
	14.8			3.0	2227T/2228T/2245
	15.3			3.5	2235/2240N/2243C
	15.8			4.0	2240/2243/2245T/2263/2272
15.3	10.9	2.5	2220T/2221/2228		
15.8		3.0	2227T/2228T/2245		
16.3		3.5	2235/2240N/2243C		
16.8		4.0	2240/2243/2245T/2263/2272		
16.8	12.2	2.5	2220T/2221/2228		
17.5		3.0	2227T/2228T/2245		
17.8		3.5	2235/2240N/2243C		
18.5		4.0	2240/2243/2245T/2263/2272		
20.3	15.9	2.5	2220T/2221/2228		
20.8		3.0	2227T/2228T/2245		
21.3		3.5	2235/2240N/2243C		
21.8		4.0	2240/2243/2245T/2263/2272		
Alternate					

Packing:



A5	2025/07/31	Standardization Drawing	CP	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.
A4	2025/03/21	Modify Drawing	CP	x.x ±0.40	CP	2025/07/31	UNIT	mm	1215-24XXXXXXXCOXX
A3	2020/06/12	Modify Pin 04~40P	Du Ying	x.xx ±0.25	CHECK	DATE	SIZE	A4	TITLE:
A0	2012/04/18	NEW	William Chen	x.xxx ±0.15	TANG	2025/07/31	SHEET	2/3	PH2.00 FOUR ROW DOUBLE PLASTIC 180° H=1.5
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3°	APPROVE	DATE	PROJ.		Customer NO.
				DIM TOL	Steven Zhao	2025/07/31			



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

**Packaging Quantity Refers To The Following Table**

PINS /Row	Q'ty/Bag (11.5 ≤ L ≤ 14.8)	PINS /Row	Q'ty/Bag (11.5 ≤ L ≤ 14.8)	PINS /Row	Q'ty/Bag (15.0 ≤ L ≤ 18.5)	PINS /Row	Q'ty/Bag (15.0 ≤ L ≤ 18.5)	PINS /Row	Q'ty/Bag (19.0 ≤ L ≤ 22.7)	PINS /Row	Q'ty/Bag (19.0 ≤ L ≤ 22.7)
2	1000	22	100	2	1000	22	100	2	1000	22	50
3	1000	23	100	3	800	23	100	3	600	23	50
4	700	24	100	4	600	24	100	4	400	24	50
5	500	25	100	5	400	25	100	5	400	25	50
6	500	26	100	6	400	26	50	6	300	26	50
7	400	27	100	7	300	27	50	7	200	27	50
8	300	28	100	8	300	28	50	8	200	28	50
9	300	29	100	9	200	29	50	9	300	29	50
10	300	30	100	10	200	30	100	10	200	30	50
11	200	31	100	11	200	31	50	11	100	31	50
12	200	32	100	12	200	32	50	12	100	32	50
13	200	33	50	13	100	33	50	13	100	33	50
14	200	34	50	14	100	34	50	14	100	34	50
15	200	35	50	15	100	35	50	15	100	35	50
16	200	36	50	16	100	36	50	16	100	36	50
17	100	37	50	17	100	37	50	17	100	37	50
18	100	38	50	18	100	38	50	18	100	38	50
19	100	39	50	19	100	39	50	19	100	39	50
20	100	40	50	20	100	40	50	20	100	40	50
21	100			21	100			21	50		

A5	2025/07/31	Standardization Drawing	CP	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.
A4	2025/03/21	Modify Drawing	CP	x.X ±0.40	CP	2025/07/31	UNIT	mm	1215-24XXXXXXXCOXX
A3	2020/06/12	Modify Pin 04~40P	Du Ying	x.XX ±0.25	CHECK	DATE	SIZE	A4	TITLE:
A0	2012/04/18	NEW	William Chen	x.XXX ±0.15	TANG	2025/07/31	SHEET	3/3	PH2.00 FOUR ROW DOUBLE PLASTIC 180° H=1.5
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3'	APPROVE	DATE	PROJ.		Customer NO.
				DIM TOL	Steven Zhao	2025/07/31			

**WCON**  
 Http: www.wcon.com  
 WCON-Dongguan Tel: +86 769 85358920  
 WCON-Kunshan Tel: +86 512 57468408  
 Fax: +86 769 85358915 Fax: +86 512 57468468  
 E-mail: sales@wcon.com E-mail: salesks@wcon.com