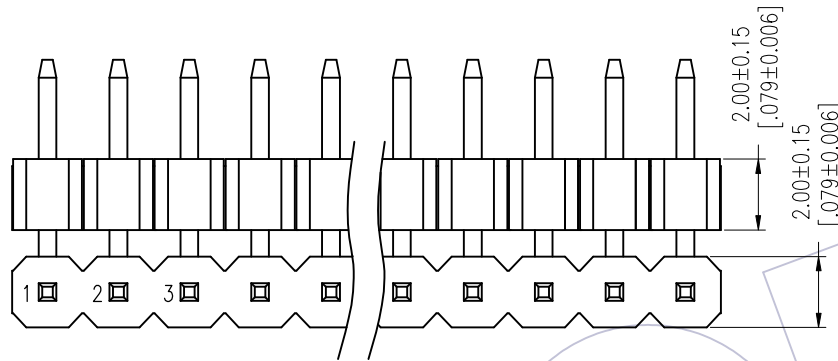
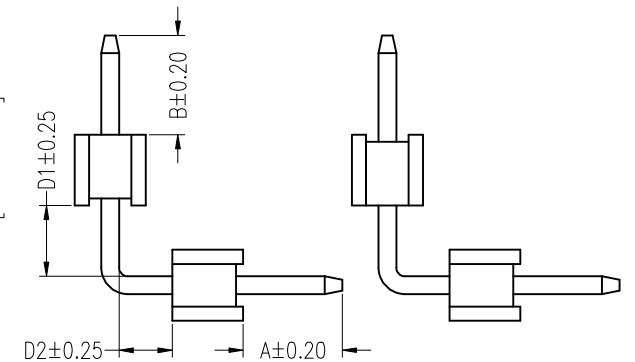
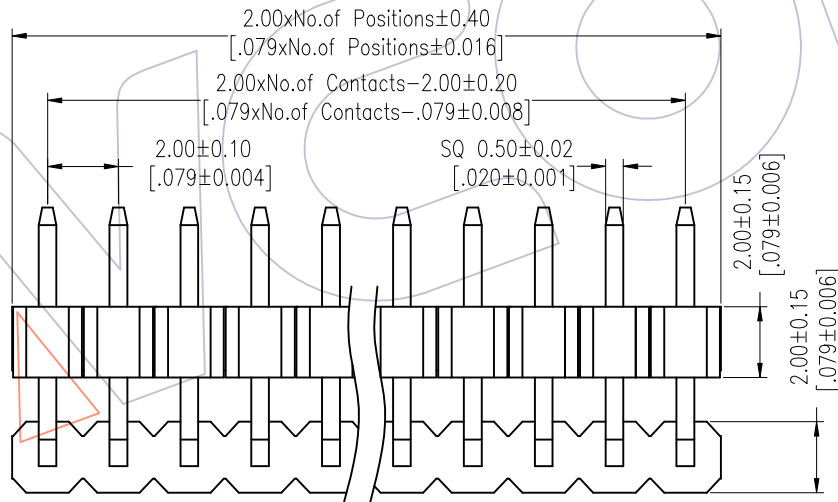
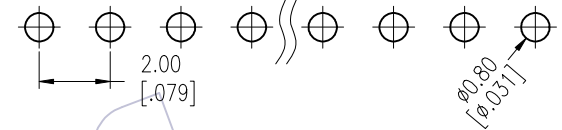


HSF

NOTES:
 Rated Current: 3.0AMP.(20°C, 1*2P-1*15P)
 2.0AMP.(20°C, 1*16P-1*40P) $\triangle A2$
 Contact Resistance: 20m Ω Max.
 Withstand Voltage: 500V AC/DC
 Insulation Resistance: 1000M Ω Min.
 Operation Temperature: -40°C to +125°C (Gold Plating) $\triangle A2$
 -40°C to +105°C (Tin Plating)
 Contact Material: Copper Alloy
 Contact Plating: Au or Sn Over 30u" Min Ni $\triangle A2$
 Insulator Material: PA9T+G.F UL94V-0 BK $\triangle A2$



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



Ordering Information

1220- 2 1 XX XX R XXX C 0 XX $\triangle A1$

Plastic Layer $\triangle A1$
 Plastic Row
 No. of Pins Per Row: 02-40
 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 $\triangle A2$

Series No. 01-99
 Packing 0=PE Bag
 Insulator Material C=PA9T
 Pin Length L(See Table)
 Type: R/R/A

REV	DATE	MODIFICATION DESCRIPTION	CHANGE	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.
A2	2025/08/06	Standardization Drawing	CP	x.X ±0.40	CP	2025/08/06	UNIT	mm	1220-21XXXXRXXXCOXX $\triangle A1$
A1	2018/01/19	Modify P/N	Liu	x.XX ±0.25	CHECK	DATE	SIZE	A4	TITLE:
AO	2012/04/26	NEW	William Chen	x.XXX ±0.15	TANG	2025/08/06	SHEET	1/3	PH2.00 SINGLE ROW DOUBLE PLASTIC 90° H=2.0 MIDDLE BENDING
				Angle ± 3'	APPROVE	DATE	PROJ.		Customer NO.
				DIM TOL	Steven Zhao	2025/08/06			

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

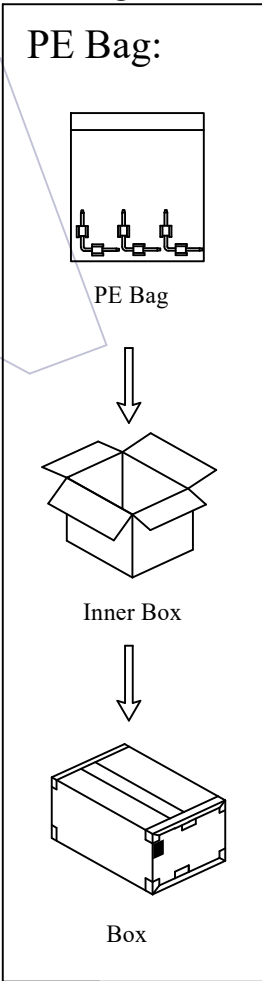
HSF

Table

Item	Pin Length	A	D1	D2	B	Mating
Standard	11.8	1.2	1.2	1.2	2.5	2220T/2221/2228
	12.3				3.0	2227T/2228T/2245
	12.8				3.5	2235/2240N/2243C
	13.3				4.0	2240/2243/2245T/2263/2272
	14.5	1.8	3.2	3.2	2.5	2220T/2221/2228
	15.0				3.0	2227T/2228T/2245
	15.5				3.5	2235/2240N/2243C
	16.0				4.0	2240/2243/2245T/2263/2272
	13.6	2.3	1.9	1.9	2.5	2220T/2221/2228
	14.2				3.0	2227T/2228T/2245
	14.7				3.5	2235/2240N/2243C
	15.2				4.0	2240/2243/2245T/2263/2272
	14.5	2.5	2.5	2.5	2.5	2220T/2221/2228
	15.0				3.0	2227T/2228T/2245
	15.5				3.5	2235/2240N/2243C
	16.0				4.0	2240/2243/2245T/2263/2272
	16.3	5.2	1.5	1.5	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
22.2	5.2	7.5	7.5	2.5	2220T/2221/2228	
22.7				3.0	2227T/2228T/2245	
23.2				3.5	2235/2240N/2243C	
23.8				4.0	2240/2243/2245T/2263/2272	
Alternate						

Item	Pin Length	A	D1	D2	B	Mating
Standard	11.0	1.2	1.2	1.2	2.5	2220T/2221/2228
	11.6				3.0	2227T/2228T/2245
	12.0				3.5	2235/2240N/2243C
	12.5				4.0	2240/2243/2245T/2263/2272
	13.8	1.8	3.2	3.2	2.5	2220T/2221/2228
	14.2				3.0	2227T/2228T/2245
	14.7				3.5	2235/2240N/2243C
	15.2				4.0	2240/2243/2245T/2263/2272
	12.8	2.3	1.9	1.9	2.5	2220T/2221/2228
	13.3				3.0	2227T/2228T/2245
	13.8				3.5	2235/2240N/2243C
	14.5				4.0	2240/2243/2245T/2263/2272
	13.8	2.5	2.5	2.5	2.5	2220T/2221/2228
	14.2				3.0	2227T/2228T/2245
	14.7				3.5	2235/2240N/2243C
	15.2				4.0	2240/2243/2245T/2263/2272
	15.5	5.2	1.5	1.5	2.5	2220T/2221/2228
	15.8				3.0	2227T/2228T/2245
	16.5				3.5	2235/2240N/2243C
	16.8				4.0	2240/2243/2245T/2263/2272
21.5	5.2	7.5	7.5	2.5	2220T/2221/2228	
21.8				3.0	2227T/2228T/2245	
22.5				3.5	2235/2240N/2243C	
22.8				4.0	2240/2243/2245T/2263/2272	
Alternate						

Packing:



REV	DATE	MODIFICATION DESCRIPTION	CHANGE	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.
A2	2025/08/06	Standardization Drawing	CP	x.X ±0.40	CP	2025/08/06	UNIT	mm	1220-21XXXXRXXXCOXX
A1	2018/01/19	Modify P/N	Liu	x.xx ±0.25	CHECK	DATE	SIZE	A4	TITLE:
AO	2012/04/26	NEW	William Chen	x.xxx ±0.15	TANG	2025/08/06	SHEET	2/3	PH2.00 SINGLE ROW DOUBLE PLASTIC 90° H=2.0 MIDDLE BENDING
				Angle ± 3'	APPROVE	DATE	PROJ.		Customer NO.
				DIM TOL	Steven Zhao	2025/08/06			



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
---	--

HSF

Packaging Quantity Refers To The Following Table

PINS	Q'ty/Bag (L ≤ 13.0)	PINS	Q'ty/Bag (L ≤ 13.0)	PINS	Q'ty/Bag (13.0 < L ≤ 18.0)	PINS	Q'ty/Bag (13.0 < L ≤ 18.0)	PINS	Q'ty/Bag (L > 18.0)	PINS	Q'ty/Bag (L > 18.0)
1	1000	21	500	1	1000	21	200	1	1000	21	200
2	1000	22	500	2	1000	22	200	2	1000	22	200
3	1000	23	500	3	1000	23	200	3	1000	23	200
4	1000	24	500	4	500	24	200	4	500	24	200
5	1000	25	500	5	500	25	200	5	500	25	200
6	1000	26	500	6	500	26	200	6	500	26	200
7	1000	27	500	7	300	27	150	7	300	27	150
8	1000	28	500	8	300	28	150	8	300	28	150
9	1000	29	400	9	300	29	150	9	300	29	150
10	1000	30	400	10	300	30	150	10	300	30	150
11	1000	31	400	11	300	31	150	11	300	31	150
12	1000	32	400	12	200	32	100	12	200	32	100
13	500	33	400	13	200	33	100	13	200	33	100
14	500	34	300	14	200	34	100	14	200	34	100
15	500	35	300	15	200	35	100	15	200	35	100
16	500	36	200	16	200	36	100	16	200	36	100
17	500	37	200	17	200	37	100	17	200	37	100
18	500	38	200	18	200	38	100	18	200	38	100
19	500	39	200	19	200	39	100	19	200	39	100
20	500	40	200	20	200	40	100	20	200	40	100

A2	2025/08/06	Standardization Drawing	CP	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.
A1	2018/01/19	Modify P/N	Liu	x.X ±0.40	CP	2025/08/06	UNIT	mm	1220-21XXXXRXXXCOXX 
AO	2012/04/26	NEW	William Chen	x.XX ±0.25	CHECK	DATE	SIZE	A4	TITLE:
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	x.XXX ±0.15	TANG	2025/08/06	SHEET	3/3	PH2.00 SINGLE ROW DOUBLE PLASTIC 90° H=2.0 MIDDLE BENDING
				Angle ± 3'	APPROVE	DATE	PROJ.		Customer NO.
				DIM TOL	Steven Zhao	2025/08/06			



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
---	--