

HSF

NOTES:

Rated Current: 3.0AMP. (20°C, 1*2P-1*15P)
 2.0AMP. (20°C, 1*16P-1*40P) $\Delta 2$
 Contact Resistance: 20m Ω Max.
 Withstand Voltage: 500V AC/DC
 Insulation Resistance: 1000M Ω Min.
 Operation Temperature: -40°C to +125°C (Gold Plating)
 -40°C to +105°C (Tin Plating) $\Delta 2$

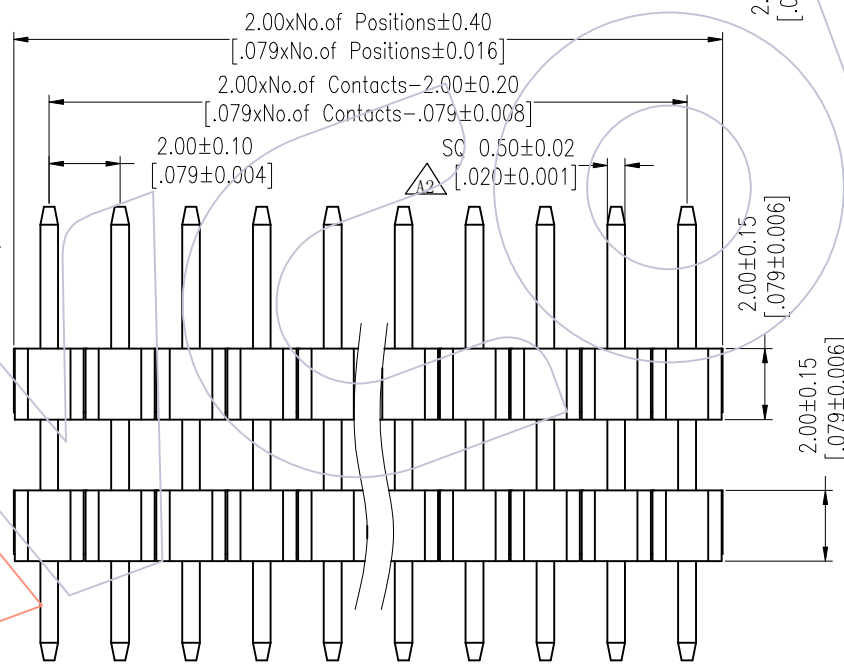
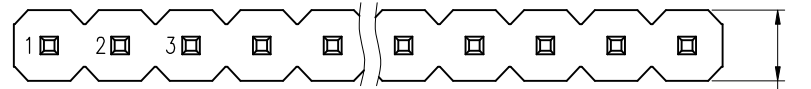
Contact Material: Copper Alloy
 Contact Plating: Au or Sn Over 30u" Min Ni $\Delta 2$
 Insulator Material: PA9T+G.F UL94V-0 BK $\Delta 2$

Ordering Information

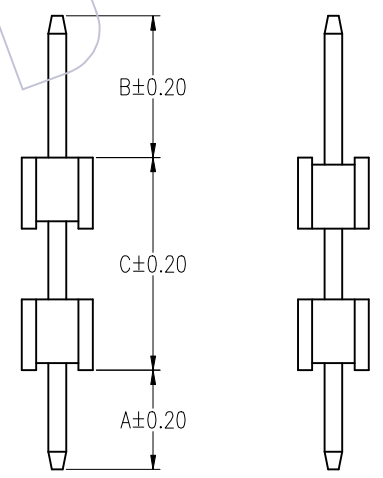
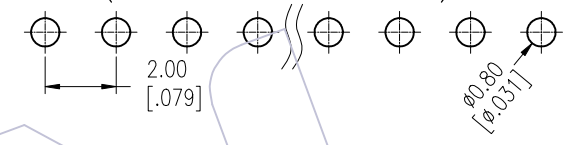
1220- 2 1 XX XX S XXX C 0 XX $\Delta 2$

Plastic Layer
 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 $\Delta 2$
 SM=Matte Tin $\Delta 2$

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



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



TYPE 1 TYPE 2

REV	DATE	MODIFICATION DESCRIPTION	CHANGE	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.
A2	2025/08/05	Standardization Drawing	CP	x.X ±0.40	CP	2025/08/05	UNIT	mm	1220-21XXXXXXXC0XX $\Delta 2$
A1	2018/01/19	Modify P/N	Liu	x.XX ±0.25	CHECK	DATE	SIZE	A4	TITLE:
A0	2012/04/26	NEW	William Chen	x.XXX ±0.15	TANG	2025/08/05	SHEET	1/3	PH2.00 SINGLE ROW DOUBLE PLASTIC 180° H=2.0
				Angle ± 3'	APPROVE	DATE	PROJ.		Customer NO.
				DIM TOL	Steven Zhao	2025/08/05			



Http: www.wcon.com

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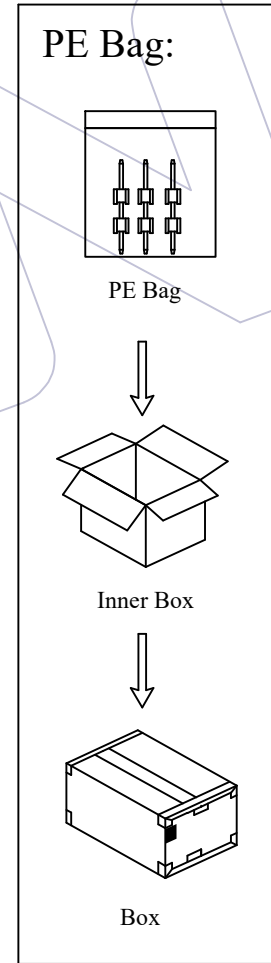
HSF




Table 1

Item	L	C	A	B	Mating
Standard	13.0	7.7	2.80	2.5	2220T/2221/2228
	13.5			3.0	2227T/2228T/2245
	14.0			3.5	2235/2240N/2243C
	14.5			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
	14.8	9.6		2.5	2220T/2221/2228
	15.3			3.0	2227T/2228T/2245
	15.8			3.5	2235/2240N/2243C
	16.3			4.0	2240/2243/2245T/2263/2272
	15.8	10.6		2.5	2220T/2221/2228
	16.3			3.0	2227T/2228T/2245
	16.8			3.5	2235/2240N/2243C
	17.3			4.0	2240/2243/2245T/2263/2272
	17.3	12.0		2.5	2220T/2221/2228
	17.8			3.0	2227T/2228T/2245
	18.3			3.5	2235/2240N/2243C
	18.8			4.0	2240/2243/2245T/2263/2272
19.3	14.0	2.5	2220T/2221/2228		
19.8		3.0	2227T/2228T/2245		
20.3		3.5	2235/2240N/2243C		
20.8		4.0	2240/2243/2245T/2263/2272		
Alternate					

Item	L	C	A	B	Mating
Standard	12.2	7.7	2.0 (THR)	2.5	2220T/2221/2228
	12.7			3.0	2227T/2228T/2245
	13.3			3.5	2235/2240N/2243C
	13.8			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
	14.0	9.6		2.5	2220T/2221/2228
	14.5			3.0	2227T/2228T/2245
	15.0			3.5	2235/2240N/2243C
	15.5			4.0	2240/2243/2245T/2263/2272
	15.0	10.6		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
	16.5	12.0		2.5	2220T/2221/2228
	17.0			3.0	2227T/2228T/2245
	17.5			3.5	2235/2240N/2243C
	18.0			4.0	2240/2243/2245T/2263/2272
18.5	14.0	2.5	2220T/2221/2228		
19.0		3.0	2227T/2228T/2245		
19.5		3.5	2235/2240N/2243C		
20.0		4.0	2240/2243/2245T/2263/2272		
Alternate					

Packing:



				OPERATION	DRAW	DATE	SCALE	Fit	PART NO.	 Http: www.wcon.com
A2	2025/08/05	Standardization Drawing	CP	x.X ±0.40	CP	2025/08/05	UNIT	mm	1220-21XXXXXXXCOXX 	
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	2025/08/05	SHEET	2/3	PH2.00 SINGLE ROW DOUBLE PLASTIC 180° H=2.0	
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3'	APPROVE	DATE	PROJ.		Customer NO.	WCON-Dongguan Tel: +86 769 85358920 Fax: +86 769 85358915 E-mail: sales@wcon.com
				DIM TOL	Steven Zhao	2025/08/05				WCON-Kunshan Tel: +86 512 57468408 Fax: +86 512 57468468 E-mail: salesks@wcon.com

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Packaging Quantity Refers To The Following Table

PINS	Q'ty/Bag (10.0 < L ≤ 15.0)	PINS	Q'ty/Bag (10.0 < L ≤ 15.0)	PINS	Q'ty/Bag (15.0 < L ≤ 20.0)	PINS	Q'ty/Bag (15.0 < L ≤ 20.0)	PINS	Q'ty/Bag (L ≥ 21.0)	PINS	Q'ty/Bag (L ≥ 21.0)
1	1000	21	200	1	1000	21	100	1	1000	21	100
2	1000	22	200	2	1000	22	100	2	500	22	100
3	1000	23	200	3	1000	23	100	3	1000	23	100
4	1000	24	200	4	500	24	100	4	1000	24	100
5	1000	25	200	5	1000	25	50	5	1000	25	50
6	500	26	200	6	500	26	50	6	500	26	50
7	500	27	200	7	500	27	50	7	500	27	50
8	500	28	200	8	500	28	50	8	500	28	50
9	500	29	200	9	300	29	50	9	300	29	50
10	500	30	200	10	300	30	50	10	300	30	50
11	500	31	200	11	300	31	50	11	300	31	50
12	500	32	200	12	300	32	50	12	300	32	50
13	500	33	200	13	250	33	50	13	250	33	50
14	500	34	200	14	250	34	50	14	250	34	50
15	250	35	200	15	250	35	50	15	250	35	50
16	250	36	200	16	250	36	50	16	250	36	50
17	250	37	200	17	200	37	50	17	200	37	50
18	250	38	200	18	200	38	50	18	200	38	50
19	250	39	200	19	200	39	50	19	200	39	50
20	200	40	200	20	100	40	50	20	100	40	50

				OPERATION	DRAW	DATE	SCALE	Fit	PART NO.	 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
A2	2025/08/05	Standardization Drawing	CP	x.X ±0.40	CP	2025/08/05	UNIT	mm	1220-21XXXXXXXCOXX Δ	
A1	2018/01/19	Modify P/N	Liu	x.XX ±0.25	CHECK	DATE	SIZE	A4	TITLE:	
A0	2012/04/26	NEW	William Chen	x.XXX ±0.15	TANG	2025/08/05	SHEET	3/3	PH2.00 SINGLE ROW DOUBLE PLASTIC 180° H=2.0	
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3'	APPROVE	DATE	PROJ.	Customer NO.		
				DIM TOL	Steven Zhao	2025/08/05				