

HSF

NOTES:

Rated Current: 3.0AMP. (20°C, 4*2P-4*15P)
 2.0AMP. (20°C, 4*16P-4*40P) $\triangle A3$
 Contact Resistance: 20m Ω Max.
 Withstand Voltage: 500V AC/DC
 Insulation Resistance: 1000M Ω Min.
 Operation Temperature: -40°C to +125°C (Gold Plating) $\triangle A3$
 -40°C to +105°C (Tin Plating) $\triangle A3$
 Contact Material: Copper Alloy
 Contact Plating: Au or Sn Over 30u" Min Ni $\triangle A3$
 Insulator Material: PA9T+G.F UL94V-0 BK $\triangle A3$

Ordering Information

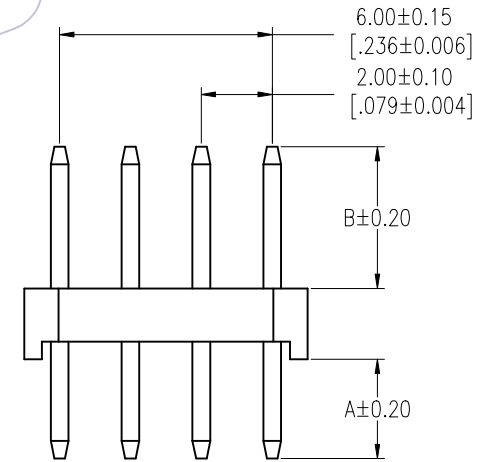
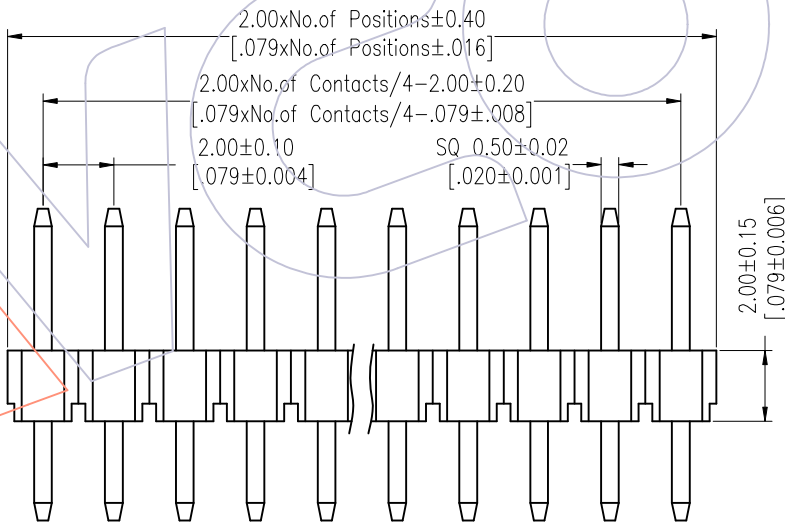
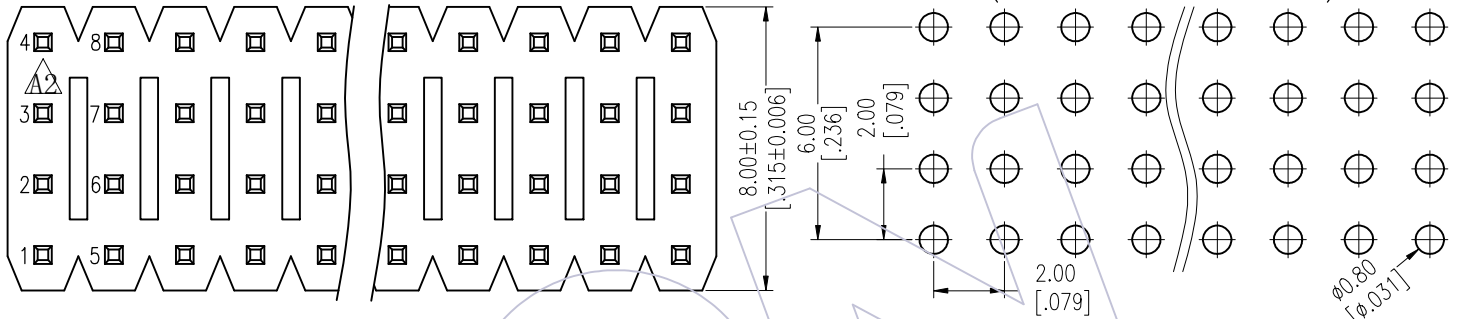
1220- 1 4 XX XX S XXX C 0 XX $\triangle A1$

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
 SM=Matte Tin $\triangle A3$

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

Item	Pin Length	A	B	Mating
Standard	7.3	2.80	2.5	2220T/2221/2228
	7.8		3.0	2227T/2228T/2245
	8.3		3.5	2235/2240N/2243C
	8.8		4.0	2240/2243/2245T/2263/2272
Standard	6.5	2.0 THR	2.5	2220T/2221/2228
	7.0		3.0	2227T/2228T/2245
	7.5		3.5	2235/2240N/2243C
	8.0		4.0	2240/2243/2245T/2263/2272
Alternate				

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



A3	2025/08/04	Standardization Drawing	CP	OPERATION	DRAW	DATE	SCALE	Fit	PART NO. 1220-14XXXXXXC0XX $\triangle A1$
A2	2025/03/22	Modify Drawing	CP	x.X ±0.40	CP	2025/08/04	UNIT	mm	TITLE: PH2.00 FOUR ROW 180° H=2.0
A1	2018/01/19	Modify P/N	Liu	x.XX ±0.25	CHECK	DATE	SIZE	A4	
A0	2012/04/26	NEW	William Chen	x.XXX ±0.15	TANG	2025/08/04	SHEET	1/2	Customer NO.
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3°	APPROVE	DATE	PROJ.		
				DIM TOL	Steven Zhao	2025/08/04			

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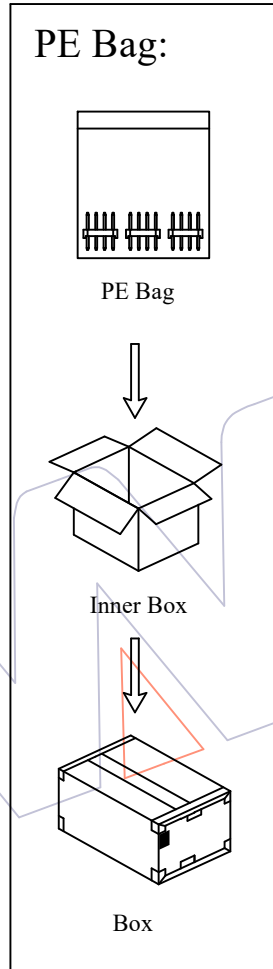
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Packing:

Packaging Quantity Refers To The Following Table



PINS /Row	Q'ty/Bag (6.5 ≤ L ≤ 8.8)
2	2000
3	1000
4	1000
5	1000
6	800
7	600
8	600
9	400
10	400
11	400
12	400
13	400
14	300
15	300
16	300
17	300
18	200
19	200
20	200
21	200

PINS /Row	Q'ty/Bag (6.5 ≤ L ≤ 8.8)
22	200
23	200
24	200
25	200
26	200
27	100
28	100
29	100
30	50
31	100
32	100
33	100
34	100
35	100
36	100
37	100
38	100
39	100
40	100

A3	2025/08/04	Standardization Drawing	CP	OPERATION	DRAW	DATE	SCALE	Fit	PART NO. 1220-14XXXXXXXCOXX
A2	2025/03/22	Modify Drawing	CP	x.X ±0.40	CP	2025/08/04	UNIT	mm	TITLE: PH2.00 FOUR ROW 180° H=2.0
A1	2018/01/19	Modify P/N	Liu	x.XX ±0.25	CHECK	DATE	SIZE	A4	
A0	2012/04/26	NEW	William Chen	x.XXX ±0.15	TANG	2025/08/04	SHEET	2/2	Customer NO.
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3'	APPROVE	DATE	PROJ.		
				DIM TOL	Steven Zhao	2025/08/04			

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