

HSF

NOTES:
 Rated Current:3.0AMP.(20°C,3*2P-3*15P)
 2.0AMP.(20°C,3*16P-3*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) $\triangle A2$
 Contact Material:Copper Alloy
 Contact Plating: Au or Sn Over 30u" Min Ni $\triangle A2$
 Insulator Material:PA9T+G.F UL94V-0 BK $\triangle A2$

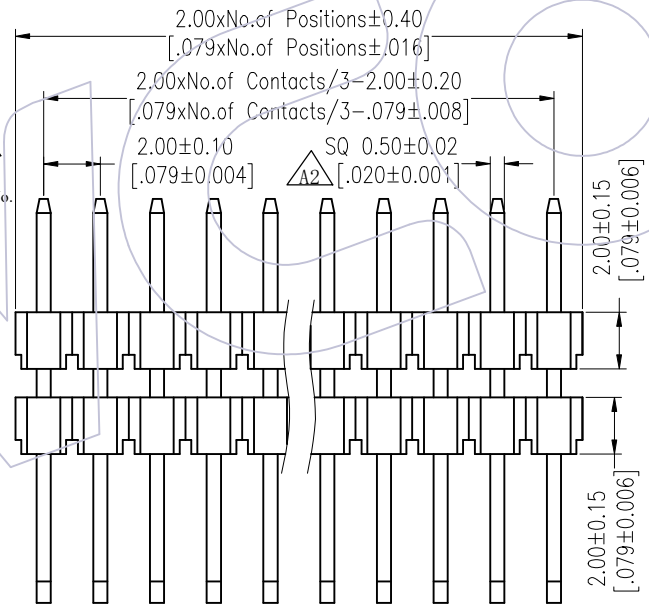
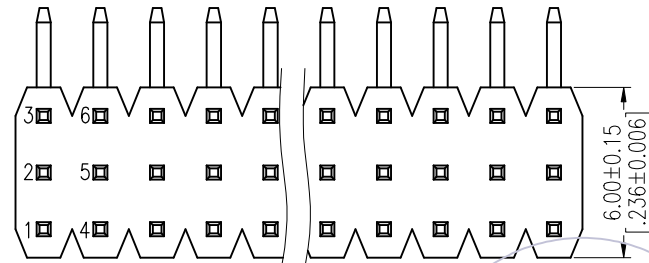
Ordering Information

1220- 2 3 XX XX R XXX C 0 XX $\triangle A1$

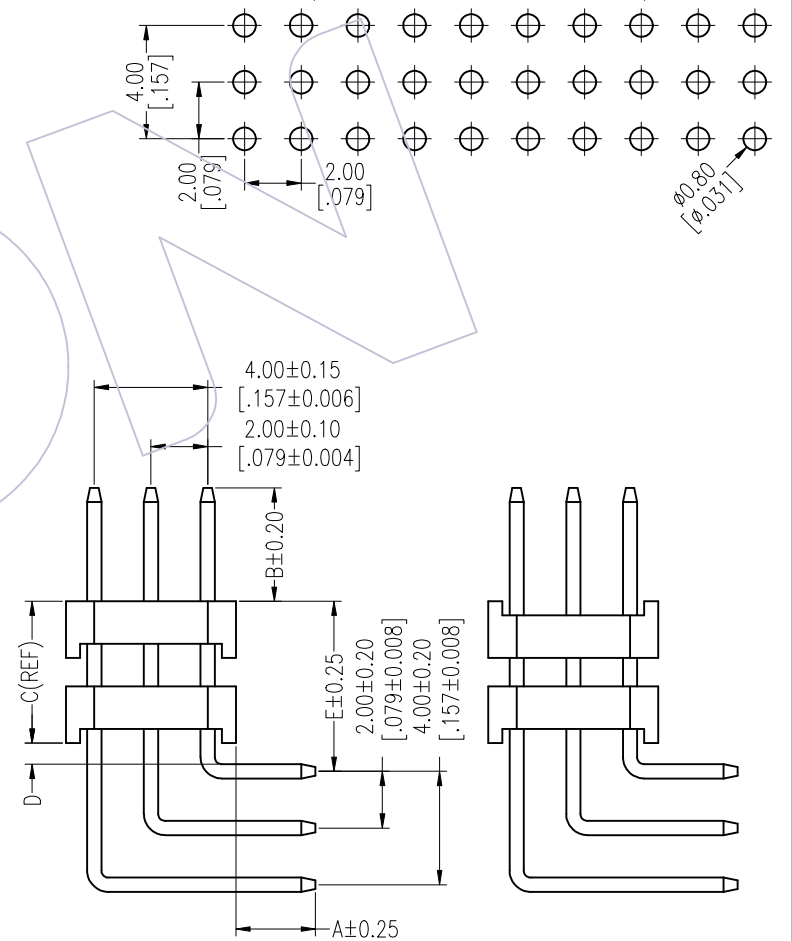
Plastic Layer
 Plastic Row
 No. of Pins
 Per Row:02-40

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 $\triangle A2$
 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



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	2025/08/06	Standardization Drawing	CP	x.X ±0.40	CP	2025/08/06	UNIT	mm	1220-23XXXXRXXXC0XX $\triangle A1$
A1	2018/01/19	Modify P/N	Liu	x.XX ±0.25	CHECK	2025/08/06	SIZE	A4	TITLE: PH2.00 THREE ROW DOUBLE PLASTIC 90°H=2.0 CONCAVE BENDING
AO	2012/04/26	NEW	William Chen	x.XXX ±0.15	TANG	2025/08/06	SHEET	1/2	Customer NO.
				Angle ± 3'	APPROVE	2025/08/06	PROJ.		
				DIM TOL	Steven Zhao				

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Packaging Quantity Refers To The Following Table

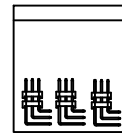
Table 1

Item	Pin Length Short/Middle/Long	A	C	D	E	B	Mating
Standard	12.8/16.8/20.8	2.80	5.8	0.75	6.8	2.5	2220T/2221/2228
	13.3/17.3/21.3					3.0	2227T/2228T/2245
	13.8/17.8/21.8					3.5	2235/2240N/2243C
	14.2/18.2/22.2					4.0	2240/2243/2245T/2263/2272
	14.2/18.2/22.2					2.5	2220T/2221/2228
	14.7/18.7/22.7		3.0	2227T/2228T/2245			
	15.2/19.2/23.2		3.5	2235/2240N/2243C			
	15.8/19.7/23.7		4.0	2240/2243/2245T/2263/2272			
	17.0/21.0/25.0		10.0	0.9	8.15	2.5	2220T/2221/2228
	17.5/21.5/25.5					3.0	2227T/2228T/2245
	18.0/22.0/26.0					3.5	2235/2240N/2243C
	18.5/22.5/26.5					4.0	2240/2243/2245T/2263/2272
	24.0/28.0/32.0					2.5	2220T/2221/2228
	24.5/28.5/32.5		3.0	2227T/2228T/2245			
	25.0/29.0/33.0		3.5	2235/2240N/2243C			
25.5/29.5/33.5	4.0	2240/2243/2245T/2263/2272					
Standard	12.0/16.0/20.0	2.0 (THR)	5.8	0.75	6.8	2.5	2220T/2221/2228
	12.5/16.5/20.5					3.0	2227T/2228T/2245
	13.0/17.0/21.0					3.5	2235/2240N/2243C
	13.5/17.5/21.5					4.0	2240/2243/2245T/2263/2272
	13.5/17.5/21.5					2.5	2220T/2221/2228
	13.8/17.8/21.8		3.0	2227T/2228T/2245			
	14.5/18.5/22.5		3.5	2235/2240N/2243C			
	14.8/18.8/22.8		4.0	2240/2243/2245T/2263/2272			
	16.3/20.2/24.2		10.0	0.9	8.15	2.5	2220T/2221/2228
	16.8/20.8/24.8					3.0	2227T/2228T/2245
	17.2/21.3/25.2					3.5	2235/2240N/2243C
	17.8/21.8/25.7					4.0	2240/2243/2245T/2263/2272
	23.2/27.2/31.3					2.5	2220T/2221/2228
	23.8/27.8/31.8		3.0	2227T/2228T/2245			
	24.2/28.3/32.3		3.5	2235/2240N/2243C			
24.8/28.7/32.8	4.0	2240/2243/2245T/2263/2272					
Alternate							

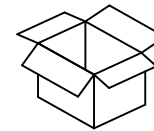
PINS /Row	Q'ty/Bag (12.0 ≤ L ≤ 18.5)	PINS /Row	Q'ty/Bag (12.0 ≤ L ≤ 18.5)	PINS /Row	Q'ty/Bag (23.2 ≤ L ≤ 25.5)	PINS /Row	Q'ty/Bag (23.2 ≤ L ≤ 25.5)
2	1000	22	50	2	600	22	50
3	600	23	50	3	500	23	50
4	400	24	50	4	300	24	50
5	400	25	50	5	300	25	50
6	300	26	50	6	200	26	50
7	300	27	50	7	200	27	50
8	200	28	50	8	200	28	50
9	200	29	50	9	100	29	50
10	200	30	50	10	100	30	50
11	200	31	50	11	100	31	30
12	100	32	50	12	100	32	30
13	100	33	50	13	100	33	30
14	100	34	50	14	100	34	30
15	100	35	50	15	100	35	30
16	100	36	50	16	50	36	30
17	100	37	50	17	50	37	30
18	100	38	50	18	50	38	30
19	100	39	50	19	50	39	30
20	100	40	50	20	50	40	30
21	100			21	50		

Packing:

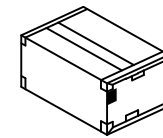
PE Bag:




PE Bag



Inner Box



Box

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AO	2012/04/26	NEW	William Chen	x.xxx ±0.15	APPROVE Steven Zhao	2025/08/06	SHEET	2/2	Customer NO.	
				Angle ± 3'			PROJ.			