

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) $\triangle A2$

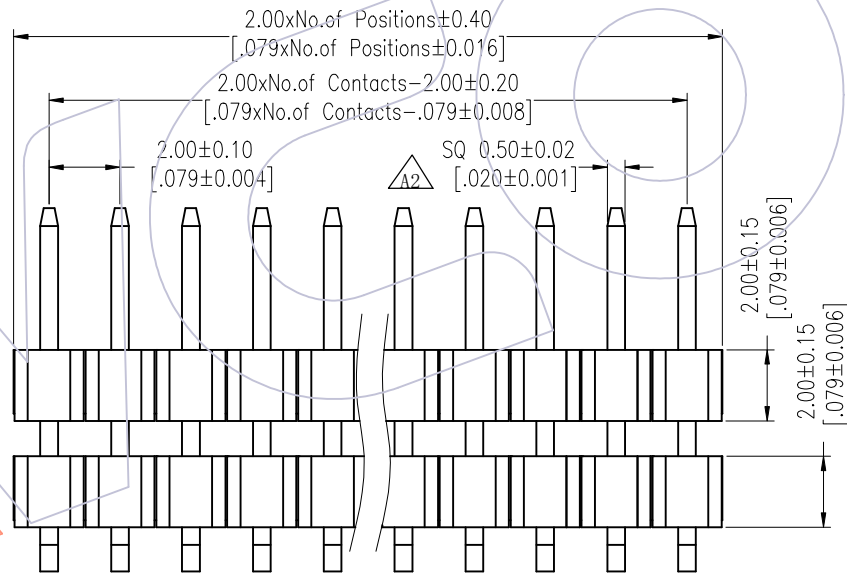
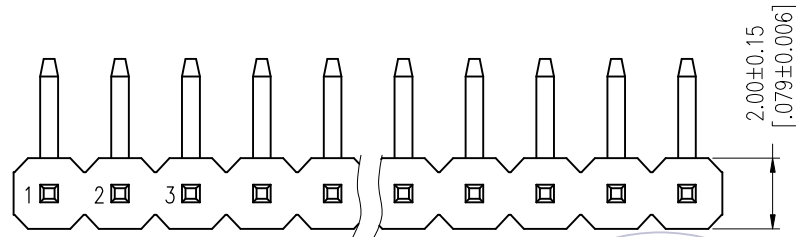
Contact Material: Copper Alloy
 Contact Plating: Au or Sn Over 30u" Min Ni $\triangle A2$
 Insulator Material: PA9T+G.F UL94V-0 BK $\triangle A2$

Ordering Information

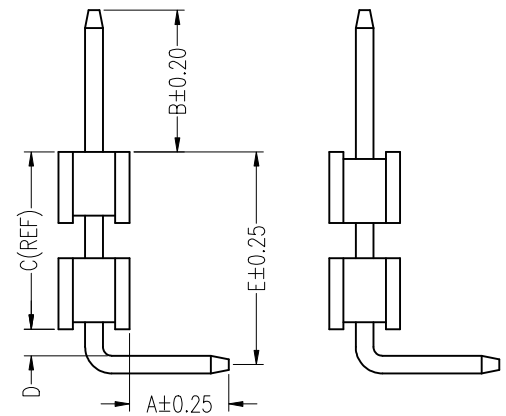
1220- 2 1 XX XX R XXX C 0 XX $\triangle A1$

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
 SM=Matte Tin

Series No. 01-99
 Packing 0=PE Bag
 Insulator Material C=PA9T
 Pin Length L(See Table)
 Type: R:R/A $\triangle A2$



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	2025/08/02	Standardization Drawing	CP	x.X ±0.40	CP	2025/08/02	UNIT	mm	1220-21XXXXRXXXCOXX $\triangle A1$
A1	2018/01/19	Modify P/N	Liu	x.XX ±0.25	CHECK	2025/08/02	SIZE	A4	TITLE: PH2.00 SINGLE ROW DOUBLE PLASTIC 90° H=2.0 CONCAVE BENDING
AO	2012/04/26	NEW	William Chen	x.XXX ±0.15	TANG	2025/08/02	SHEET	1/2	Customer NO.
				Angle ± 3'	APPROVE	2025/08/02	PROJ.		
				DIM TOL	Steven Zhao				

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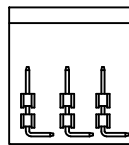
Packaging Quantity Refers To The Following Table

Table 1

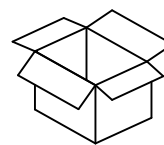
Item	Pin Length	A	C	D	E	B	Mating	PINS	Q'ty/Bag (L ≤ 13.0)	PINS	Q'ty/Bag (L ≤ 13.0)	PINS	Q'ty/Bag (13.0 < L ≤ 18.0)	PINS	Q'ty/Bag (13.0 < L ≤ 18.0)	PINS	Q'ty/Bag (L > 18.0)	PINS	Q'ty/Bag (L > 18.0)	
Standard	12.8	5.8	0.75	6.8	8.15	2.5	2220T/2221/2228	1	1000	21	500	1	1000	21	200	1	1000	21	200	
	13.3					3.0	2227T/2228T/2245	2	1000	22	500	2	1000	22	200	2	1000	22	200	
	13.8					3.5	2235/2240N/2243C	3	1000	23	500	3	1000	23	200	3	1000	23	200	
	14.2					4.0	2240/2243/2245T/2263/2272	4	1000	24	500	4	1000	24	200	4	500	24	200	
	14.7	7.0	0.9	8.15	11.0	2.5	2220T/2221/2228	5	1000	25	500	5	500	25	200	5	500	25	200	
	15.2					3.0	2227T/2228T/2245	6	1000	26	500	6	500	26	200	6	500	26	200	
	15.8					3.5	2235/2240N/2243C	7	1000	27	500	7	300	27	150	7	300	27	150	
	17.0					4.0	2240/2243/2245T/2263/2272	8	1000	28	500	8	300	28	150	8	300	28	150	
	17.5	10.0	0.75	18.0	11.0	2.5	2220T/2221/2228	9	1000	29	400	9	300	29	150	9	300	29	150	
	18.0					3.0	2227T/2228T/2245	10	1000	30	400	10	300	30	150	10	300	30	150	
	18.5					3.5	2235/2240N/2243C	11	1000	31	400	11	300	31	150	11	300	31	150	
	24.0					4.0	2240/2243/2245T/2263/2272	12	1000	32	400	12	200	32	100	12	200	32	100	
	24.5	17.0	0.75	18.0	11.0	2.5	2220T/2221/2228	13	500	33	400	13	200	33	100	13	200	33	100	
	25.0					3.0	2227T/2228T/2245	14	500	34	300	14	200	34	100	14	200	34	100	
	25.5					3.5	2235/2240N/2243C	15	500	35	300	15	200	35	100	15	200	35	100	
	12.0					4.0	2240/2243/2245T/2263/2272	16	500	36	200	16	200	36	100	16	200	36	100	
	Standard	12.5	5.8	0.75	6.8	8.15	2.5	2220T/2221/2228	17	500	37	200	17	200	37	100	17	200	37	100
		13.0					3.0	2227T/2228T/2245	18	500	38	200	18	200	38	100	18	200	38	100
		13.5					3.5	2235/2240N/2243C	19	500	39	200	19	200	39	100	19	200	39	100
		13.8					4.0	2240/2243/2245T/2263/2272	20	500	40	200	20	200	40	100	20	200	40	100
14.5		7.0	0.9	8.15	11.0	2.5	2220T/2221/2228	12	1000	32	400	12	200	32	100	12	200	32	100	
14.8						3.0	2227T/2228T/2245	13	500	33	400	13	200	33	100	13	200	33	100	
16.3						3.5	2235/2240N/2243C	14	500	34	300	14	200	34	100	14	200	34	100	
16.8						4.0	2240/2243/2245T/2263/2272	15	500	35	300	15	200	35	100	15	200	35	100	
17.2		10.0	0.75	18.0	11.0	2.5	2220T/2221/2228	16	500	36	200	16	200	36	100	16	200	36	100	
17.8						3.0	2227T/2228T/2245	17	500	37	200	17	200	37	100	17	200	37	100	
23.2	3.5					2235/2240N/2243C	18	500	38	200	18	200	38	100	18	200	38	100		
23.8	4.0					2240/2243/2245T/2263/2272	19	500	39	200	19	200	39	100	19	200	39	100		
24.2	17.0	0.75	18.0	11.0	2.5	2220T/2221/2228	12	1000	32	400	12	200	32	100	12	200	32	100		
24.8					3.0	2227T/2228T/2245	13	500	33	400	13	200	33	100	13	200	33	100		
Alternate	24.8					4.0	2240/2243/2245T/2263/2272													

Packing:

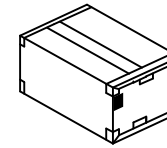
PE Bag:



PE Bag



Inner Box



Box

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				Angle ± 3'	APPROVE	DATE	PROJ.		
				DIM TOL	Steven Zhao	2025/08/02			

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