

HSF

NOTES:

Rated Current: 3.0AMP.(20°C, 3*2P-3*15P)
 2.0AMP.(20°C, 3*16P-3*40P) $\triangle A2$
 Contact Resistance: 20mΩ Max.
 Withstand Voltage: 500V AC/DC
 Insulation Resistance: 1000MΩ Min.
 Operation Temperature: -40°C to +125°C (Gold Plating)
 -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 $\triangle A2$

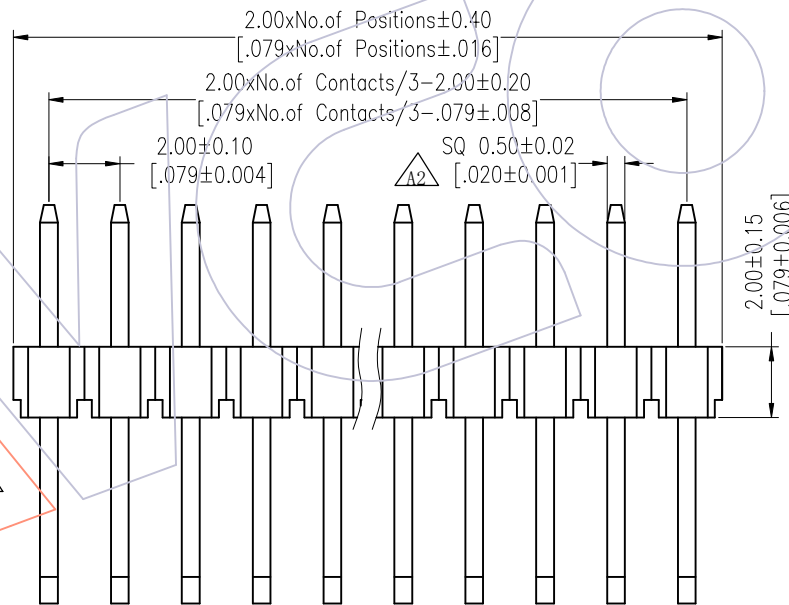
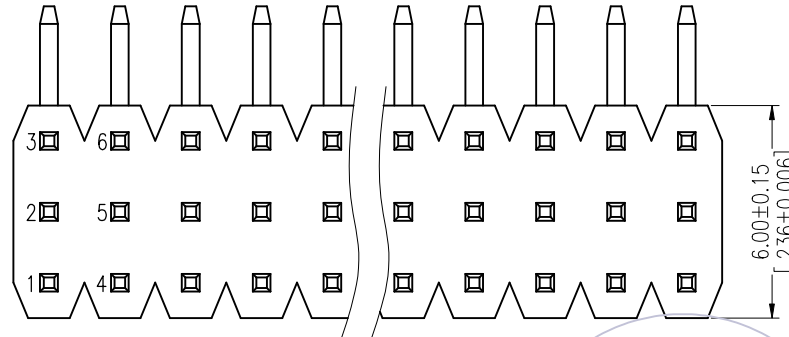
Ordering Information

1220 1 3 XX XX R XXX C 0 XX $\triangle A1$

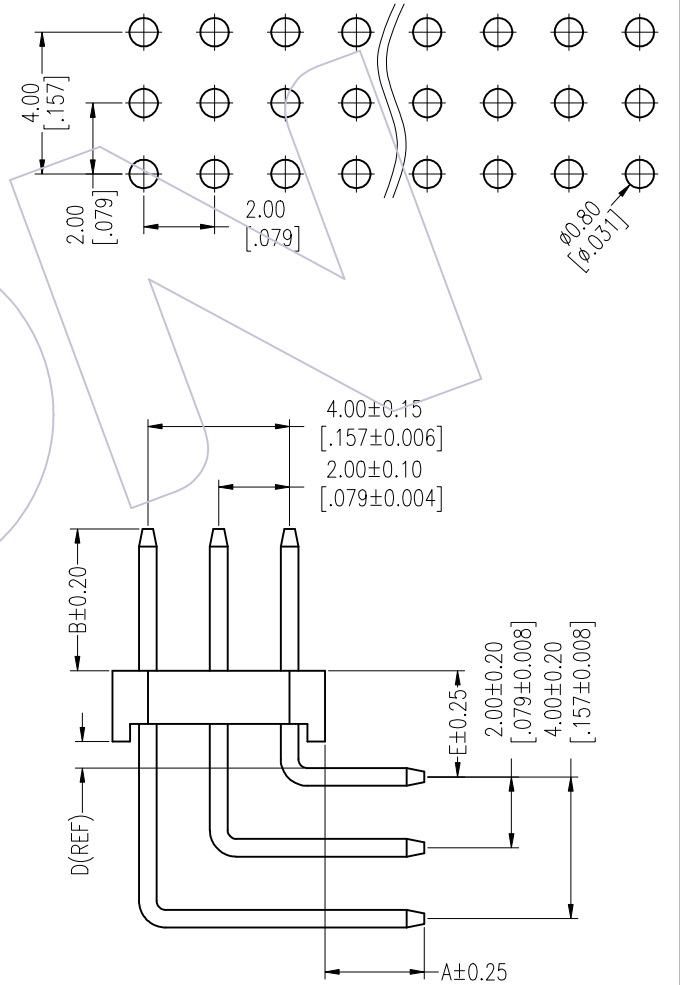
Plastic Layer
 Plastic Row
 No. of Pins Per Row: 02-40
 Contact Plating
 G0=Gold Flash
 G3=10u"Au, BG3=8u"PdNi+2u"Au
 G4=15u"Au, BG4=13u"PdNi+2u"Au
 G5=30u"Au, BG5=28u"PdNi+2u"Au
 S0=Gold Flash/Tin
 S3=10u"Au/Sn, P3=8u"PdNi+2u"Au/Sn
 S4=15u"Au/Sn, P4=13u"PdNi+2u"Au/Sn
 S5=30u"Au/Sn, P5=28u"PdNi+2u"Au/Sn
 SN=Bright Tin
 SM=Matte Tin

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

Item	Pin Length Short/Middle/Long	A	D	E	B	Mating
Standard	9.0/13.0/17.0	2.80	0.75	3.0	2.5	2220T/2221/2228
	9.5/13.5/17.5				3.0	2227T/2228T/2245
	10.0/14.0/18.0				3.5	2235/2240N/2243C
	10.5/14.5/18.5				4.0	2240/2243/2245T/2263/2272
Standard	8.0/12.0/16.0	2.0 (THR)	0.75	3.0	2.5	2220T/2221/2228
	8.5/12.5/16.5				3.0	2227T/2228T/2245
	9.0/13.0/17.0				3.5	2235/2240N/2243C
	9.5/13.5/17.5				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)



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	1220-13XXXXRXXXCOXX $\triangle A1$
A1	2018/01/19	Modify P/N	Liu	x.XX ±0.25	CHECK	DATE	SIZE	A4	TITLE: PH2.00 THREE ROW 90°H=2.0 CONCAVE BENDING
AO	2012/04/26	NEW	William Chen	x.XXX ±0.15	TANG	DATE	SHEET	1/2	Customer NO.
				Angle ± 3'	APPROVE	DATE	PROJ.		
				DIM TOL	Steven Zhao	2025/08/05			

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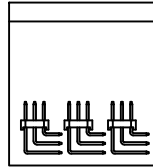
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HSF

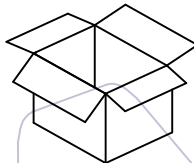
Packing:

Packaging Quantity Refers To The Following Table

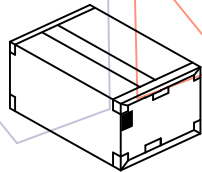
PE Bag:



PE Bag



Inner Box



Box

PINS /Row	Q'ty/Bag (8.0 ≤ L ≤ 10.5)
2	1000
3	1000
4	500
5	600
6	500
7	500
8	300
9	400
10	300
11	300
12	300
13	200
14	200
15	200
16	200
17	200
18	200
19	100
20	100
21	100

PINS /Row	Q'ty/Bag (8.0 ≤ L ≤ 10.5)
22	100
23	100
24	100
25	100
26	100
27	100
28	100
29	100
30	50
31	100
32	100
33	100
34	100
35	100
36	50
37	50
38	50
39	50
40	50

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	1220-13XXXXRXXXC0XX
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AO	2012/04/26	NEW	William Chen	x.XXX ±0.15	TANG	2025/08/05	SHEET	2/2	PH2.00 THREE ROW 90°H=2.0 CONCAVE BENDING
				Angle ± 3'	APPROVE	DATE	PROJ.		Customer NO.
				DIM TOL	Steven Zhao	2025/08/05			

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