

# HSF

NOTES:  
 Rated Current: 3.0AMP.(20°C,2\*2P-2\*15P)  
 2.0AMP.(20°C,2\*16P-2\*40P)  $\triangle A2$   
 Contact Resistance: 20m $\Omega$  Max.  
 Withstand Voltage: 500V AC/DC  
 Insulation Resistance: 1000M $\Omega$  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  $\triangle A2$

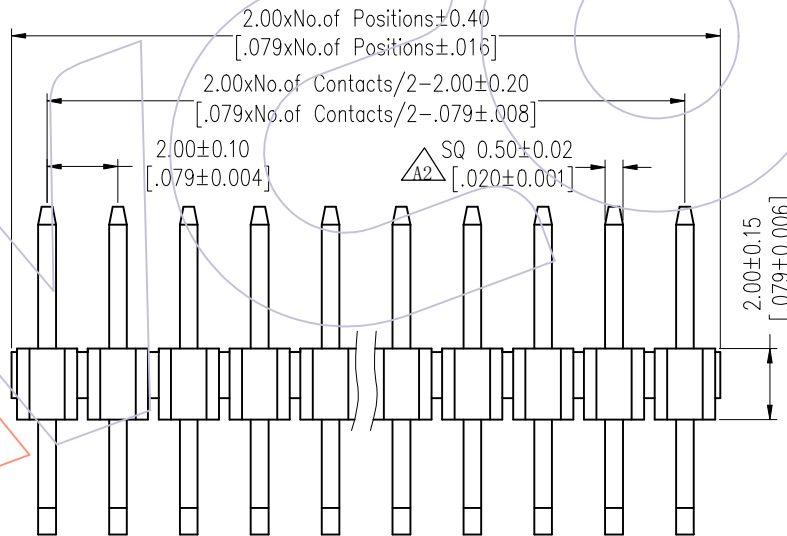
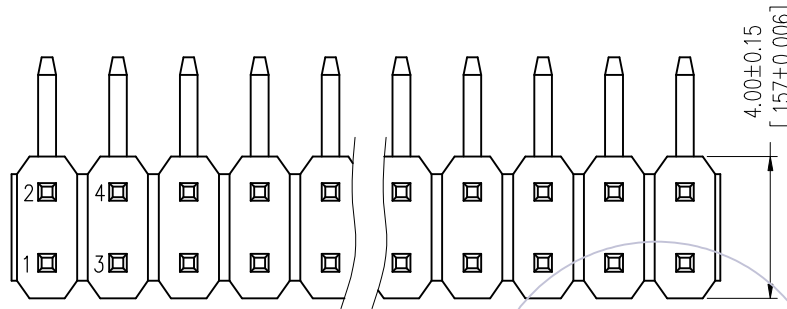
## Ordering Information

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

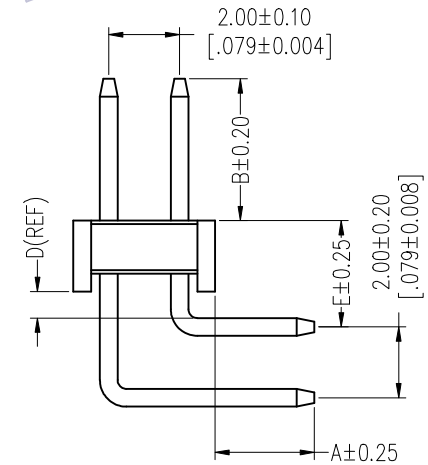
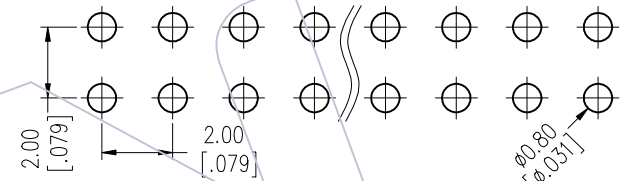
Plastic Layer  
 Plastic Row  
 No. of Pins Per Row: 02-40  
 Contact Plating  
 G0=Gold Flash  
 G3=10u"Au, BG3=8u"PdNi+2u"Au  
 G4=15u"Au, BG4=13u"PdNi+2u"Au  
 G5=30u"Au, BG5=28u"PdNi+2u"Au  
 S0=Gold Flash/Tin  
 S3=10u"Au/Sn, P3=8u"PdNi+2u"Au/Sn  
 S4=15u"Au/Sn, P4=13u"PdNi+2u"Au/Sn  
 S5=30u"Au/Sn, 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/Long	A	D	E	B	Mating
Standard	9.0/13.0	2.80	0.75	3.0	2.5	2220T/2221/2228
	9.5/13.5				3.0	2227T/2228T/2245
	10.0/14.0				3.5	2235/2240N/2243C
	10.5/14.5				4.0	2240/2243/2245T/2263/2272
Standard	8.0/12.0	2.0 (THR)	0.75	3.0	2.5	2220T/2221/2228
	8.5/12.5				3.0	2227T/2228T/2245
	9.0/13.0				3.5	2235/2240N/2243C
	9.5/13.5				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	1220-12XXXXRXXXC0XX $\triangle A1$
A1	2018/01/19	Modify P/N	Liu	x.xx ±0.25	CHECK	DATE	SIZE	A4	TITLE: PH2.00 DUAL ROW 90°H=2.0 CONCAVE BENDING
A0	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			

**WCON**  
 Http: www.wcon.com

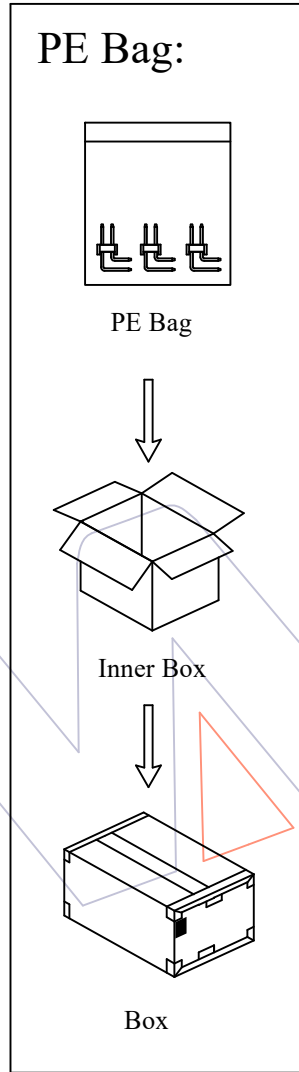
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**HSF**

**Packing:**

**Packaging Quantity Refers To The Following Table**



PINS /Row	Q'ty/Bag (L ≤ 11.0)
1	1000
2	1000
3	1000
4	1000
5	500
6	500
7	500
8	500
9	500
10	300
11	300
12	300
13	300
14	300
15	300
16	200
17	200
18	200
19	200
20	200

PINS /Row	Q'ty/Bag (L ≤ 11.0)
21	100
22	100
23	100
24	100
25	100
26	100
27	100
28	100
29	100
30	100
31	50
32	50
33	50
34	50
35	50
36	50
37	50
38	50
39	50
40	50

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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	2/2	PH2.00 DUAL 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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