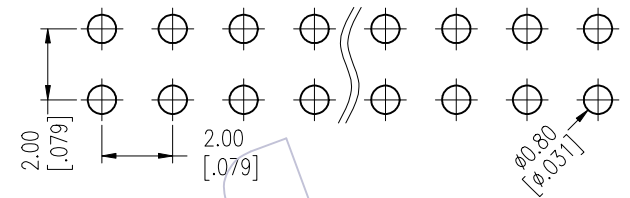
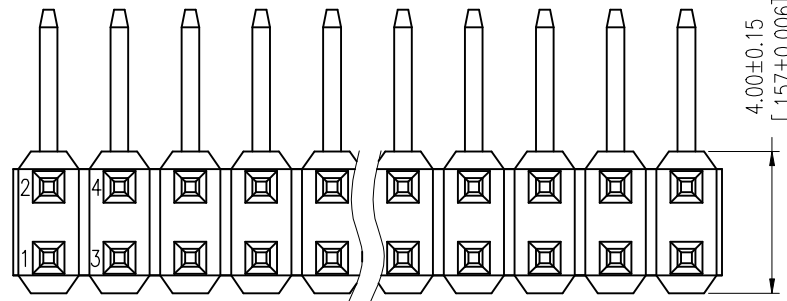


# HSF

**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)  $\triangle A2$   
 -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  $\triangle A2$

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

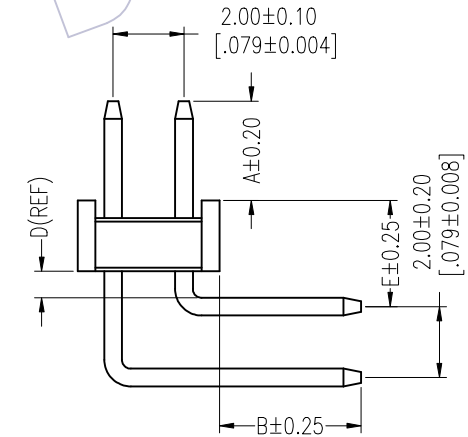
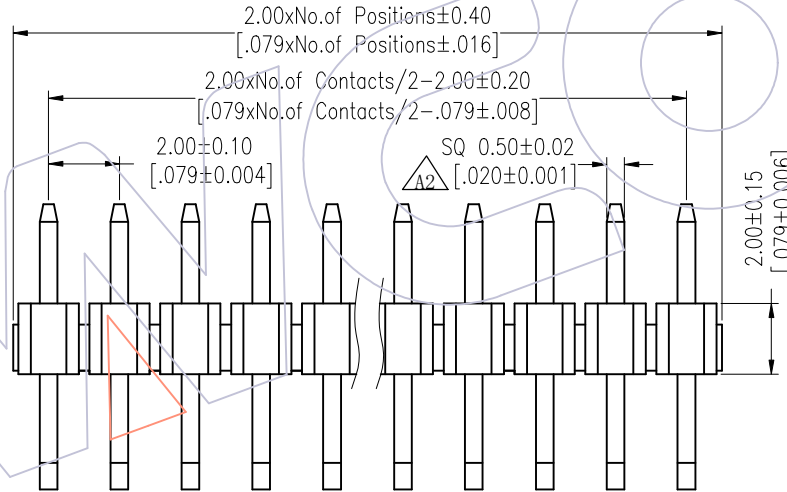


## Ordering Information

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  $\triangle A2$   
 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



Item	Pin Length Short/Long	A	D	E	B	Mating
Standard	9.0/13.0	2.80	0.75	3.0	2.5	22201/2221/2228
	9.5/13.5				3.0	22271/22281/2245
	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	22201/2221/2228
	8.5/12.5				3.0	22271/22281/2245
	9.0/13.0				3.5	2235/2240N/2243C
	9.5/13.5				4.0	2240/2243/2245T/2263/2272
Alternate						

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	1220-12XXXXRXXXC0XX $\triangle A1$
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 PLANE 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	2025/08/06			

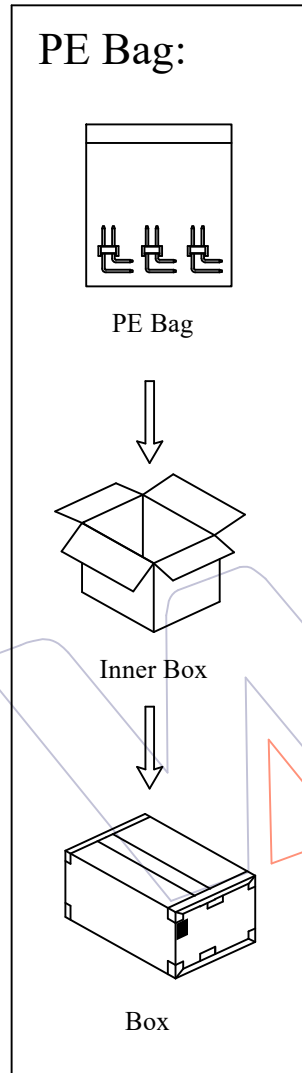
**WCON**  
 Http: www.wcon.com

WCON-Dongguan  
 Tel: +86 769 85358920  
 Fax: +86 769 85358915  
 E-mail: sales@wcon.com

WCON-Kunshan  
 Tel: +86 512 57468408  
 Fax: +86 512 57468468  
 E-mail: salesks@wcon.com

**HSF**

**Packing:**



**Packaging Quantity Refers To The Following Table**

PINS /Row	Q'ty/Bag (L≤11.0)	PINS /Row	Q'ty/Bag (L≤11.0)
1	1000	21	100
2	1000	22	100
3	1000	23	100
4	1000	24	100
5	500	25	100
6	500	26	100
7	500	27	100
8	500	28	100
9	500	29	100
10	300	30	100
11	300	31	50
12	300	32	50
13	300	33	50
14	300	34	50
15	300	35	50
16	200	36	50
17	200	37	50
18	200	38	50
19	200	39	50
20	200	40	50

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	1220-12XXXXRXXXC0XX
A1	2018/01/19	Modify P/N	Liu	x.XX ±0.25	CHECK	DATE	SIZE	A4	TITLE:
AO	2012/04/26	NEW	William Chen	x.XXX ±0.15	TANG	2025/08/06	SHEET	2/2	PH2.00 DUAL ROW 90°H=2.0 PLANE BENDING
				Angle ± 3'	APPROVE	DATE	PROJ.		Customer NO.
				DIM TOL	Steven Zhao	2025/08/06			

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WCON-Dongguan  
 Tel: +86 769 85358920  
 Fax: +86 769 85358915  
 E-mail: sales@wcon.com

WCON-Kunshan  
 Tel: +86 512 57468408  
 Fax: +86 512 57468468  
 E-mail: salesks@wcon.com