

# HSF

**NOTES:**

Rated Current:10.0AMP.(20°C,1\*2P-1\*10P)  
7.0AMP.(20°C,1\*11P-1\*20P)  $\triangle A2$

Contact Resistance:20m $\Omega$  Max.

Withstand Voltage:1000V 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:LCP+G.F UL94V-0 BK  $\triangle A2$

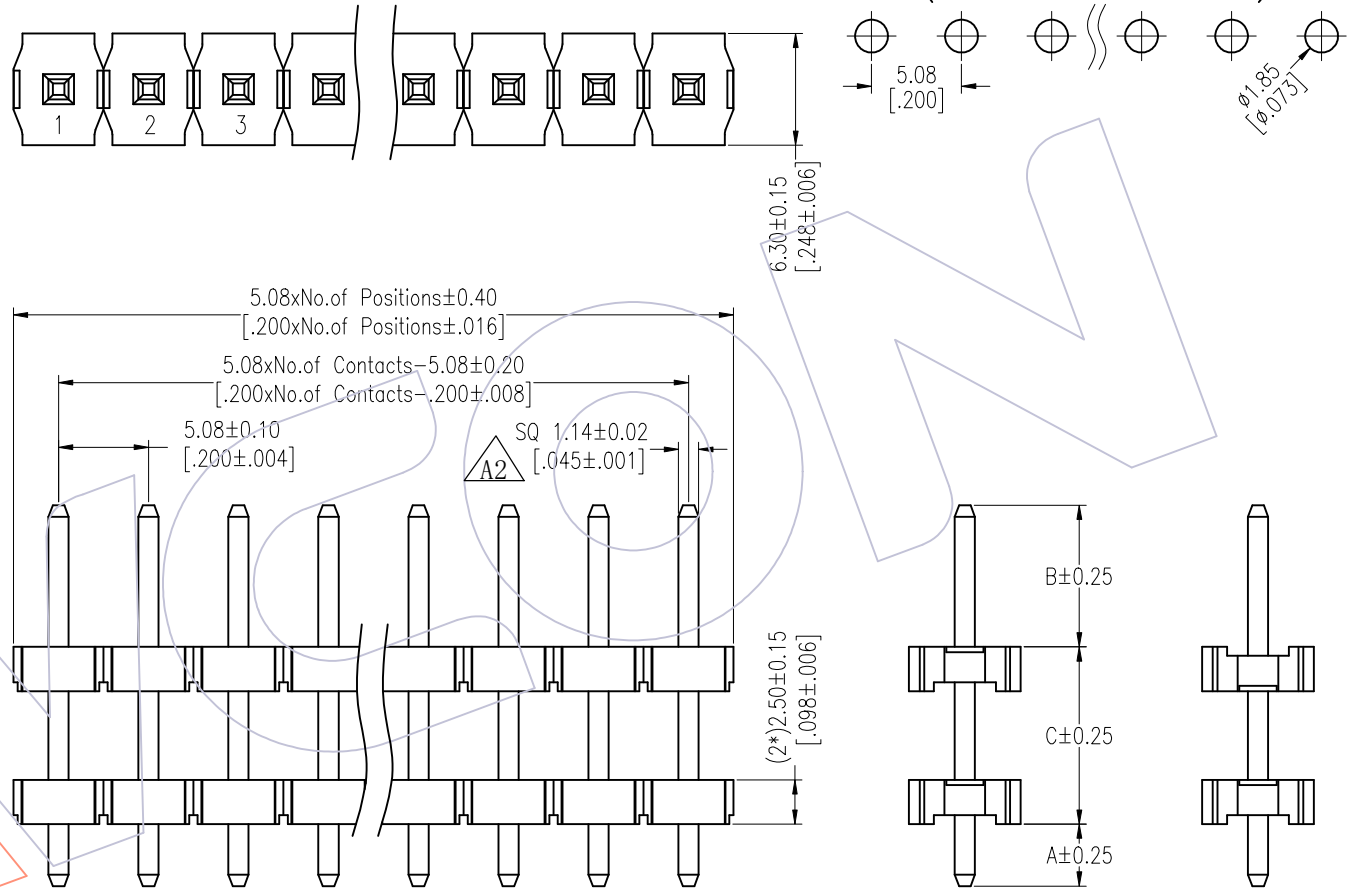
## Ordering Information

1925-2 1 XX XX S XXX X 0 XX  $\triangle A2$

Plastic Layer  
Plastic Row  
No. of Pins  
Per Row:02~20  
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  
SN=Bright Tin  
SM=Matte Tin

Series No.  
01~99  
Packing  
0=PE Bag  
Insulator Material  
D=LCP  
Pin Length  
L(See Table)  
Type:  
S=S/T

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



REV	DATE	MODIFICATION DESCRIPTION	CHANGE	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.
A2	2025/10/08	Standardization Drawing	CP	x.X $\pm 0.40$	CP	2025/10/08	UNIT	mm [inch]	1925-21XXXXXXXDXXX $\triangle A2$
A1	2018/01/26	MODIFY PART NO.	William Chen	x.XX $\pm 0.25$	CHECK	2025/10/08	SIZE	A4	TITLE: 5.08 Pin Header, SINGLE ROW, S/T, DOUBLE PLASTIC, H=2.5
A0	2012/07/03	NEW	William Chen	x.XXX $\pm 0.15$	TANG	2025/10/08	SHEET	1/2	Customer NO.
				Angle $\pm 3'$	APPROVE	2025/10/08	PROJ.		
				DIM TOL	Steven Zhao				

**WCON**

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# HSF

## Packaging Quantity Refers To The Following Table

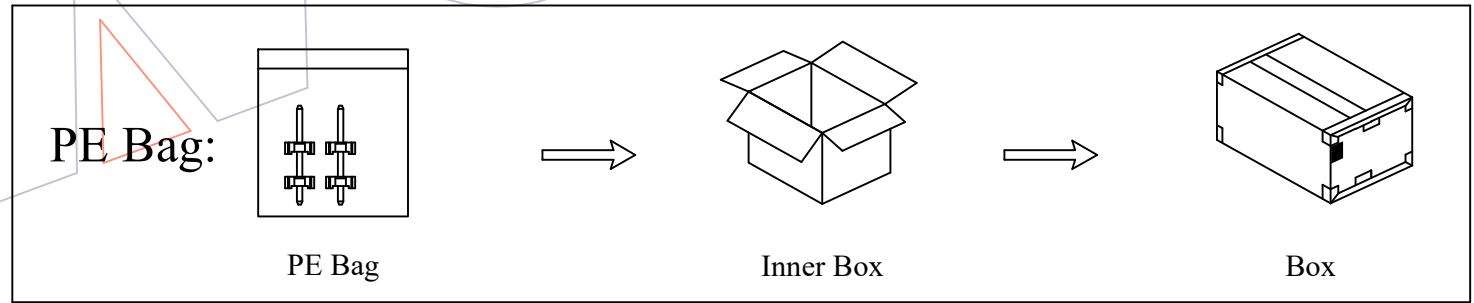
PINS	Q' ty/Bag (15.8 ≤ L ≤ 17.5)
2	200
3	200
4	200
5	200
6	200
7	150
8	150
9	100
10	100
11	100
12	100
13	80
14	80
15	80
16	80
17	80
18	50
19	50
20	50

PINS	Q' ty/Bag (17.5 < L ≤ 21.3)
2	200
3	200
4	200
5	200
6	150
7	150
8	100
9	200
10	100
11	100
12	80
13	80
14	80
15	50
16	50
17	50
18	50
19	50
20	50

PINS	Q' ty/Bag (21.3 < L ≤ 25.3)
2	200
3	200
4	200
5	150
6	150
7	100
8	100
9	100
10	80
11	80
12	80
13	50
14	50
15	50
16	50
17	50
18	50
19	50
20	50

Item	Pin Length	A	B	C	Mating
Standard	16.5	3.6	8.0	5.0	2989
	17.5			6.0	
	19.5			8.0	
	21.3			9.6	
	22.3			10.6	
25.3	13.7				
Standard	15.8	2.8 (THR)	8.0	5.0	2989
	16.8			6.0	
	18.8			8.0	
	20.5			9.6	
	21.5			10.6	
24.5	13.7				
Alternate					

Packing:



REV	DATE	MODIFICATION DESCRIPTION	CHANGE	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.
A2	2025/10/08	Standardization Drawing	CP	x.X ±0.40	CP	2025/10/08	UNIT	mm [inch]	1925-21XXXXXXXDXXX $\Delta$
A1	2018/01/26	MODIFY PART NO.	William Chen	x.xx ±0.25	CHECK	DATE	SIZE	A4	TITLE:
A0	2012/07/03	NEW	William Chen	x.xxx ±0.15	TANG	2025/10/08	SHEET	2/2	5.08 Pin Header, SINGLE ROW, S/T, DOUBLE PLASTIC, H=2.5
				Angle ± 3'	APPROVE	DATE	PROJ.	$\phi$ $\leftarrow$	Customer NO.
				DIM TOL	Steven Zhao	2025/10/08			

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