

# HSF

**NOTES:**

Rated Current: 1.5AMP. (20°C, 1\*2P-1\*15P)  
 1.0AMP. (20°C, 1\*16P-1\*50P)  $\triangle A2$

Contact Resistance: 20mΩ Max.  
 Withstand Voltage: 500V AC/DC  
 Insulation Resistance: 1000MΩ 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  $\triangle A2$

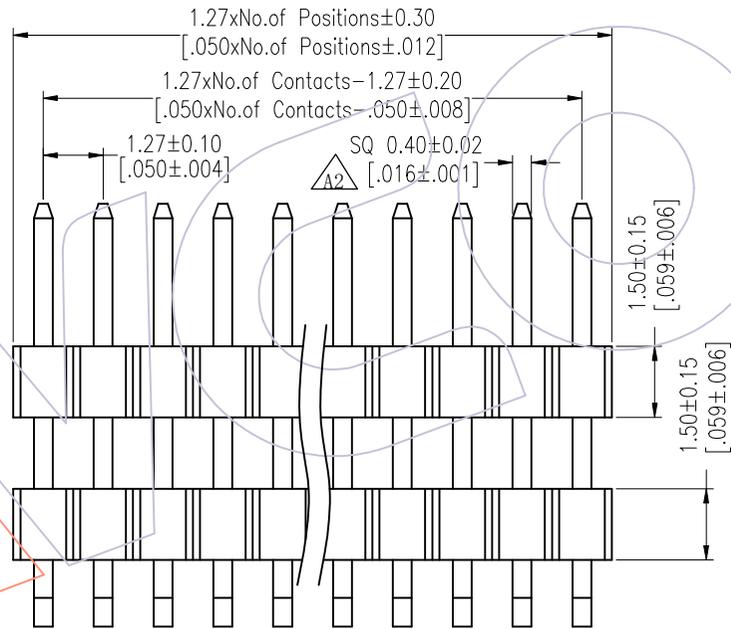
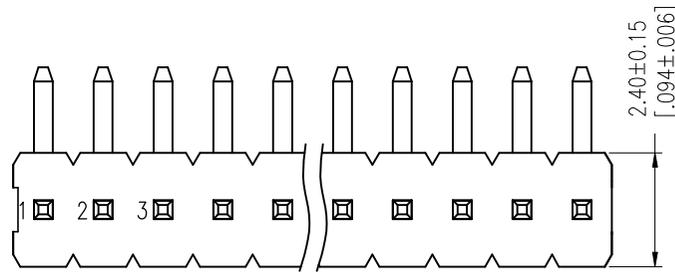
## Ordering Information

1315-2 1 XX XX R XXX C X XX

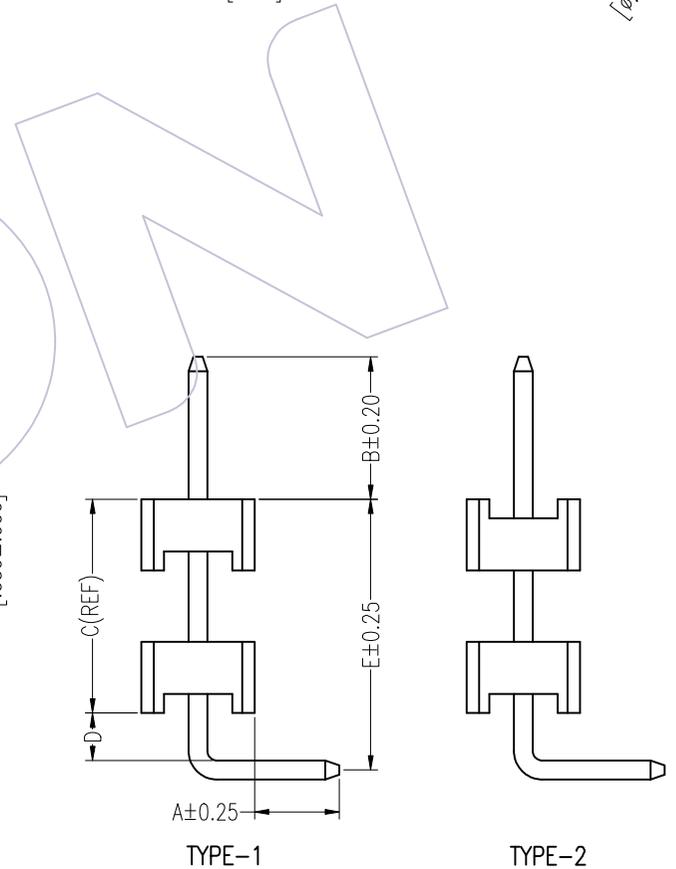
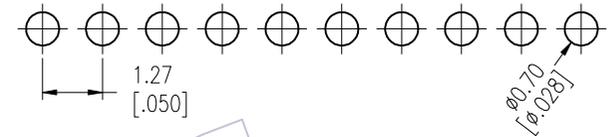
Plastic Layer  
 Plastic Row  
 No. of Pins  
 Per Row: 02-50  
 Contact Plating  
 G0=Gold Flash  
 G3=10u"Au, BG3=8u"PdNi+2u"Au  
 G4=15u"Au, BG4=13u"PdNi+2u"Au  
 G5=30u"Au, BG5=28u"PdNi+2u"Au  
 S0=Gold Flash/Tin  
 S3=10u"Au/Sn, P3=8u"PdNi+2u"Au/Sn  
 S4=15u"Au/Sn, P4=13u"PdNi+2u"Au/Sn  
 S5=30u"Au/Sn, P5=28u"PdNi+2u"Au/Sn  
 SN=Bright Tin  $\triangle A2$   
 SM=Matte Tin

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

Item	Pin Length	A	C	D	E	B	Mating
Standard	11.8	3.00	4.5	1.0	5.7	2.0	2321/2320T
	12.8					3.0	2334/2344/2346
	13.3					3.5	2357
	14.3					4.5	2345/2385
Standard	10.8	2.0 (THR)	4.5	1.0	5.7	2.0	2321/2320T
	11.8					3.0	2334/2344/2346
	12.3					3.5	2357
	13.3					4.5	2345/2385
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	2025/08/27	Standardization Drawing	CP	x.X ±0.40	CP	2025/08/27	UNIT	mm [inch]	1315-21XXXXRXXXCXXX $\triangle A2$
A1	2018/01/15	MODIFY PART NO.	William Chen	x.xx ±0.25	CHECK	DATE	SIZE	A4	TITLE:
AO	2012/03/15	NEW	William Chen	x.xxx ±0.15	TANG	2025/08/27	SHEET	1/2	1.27 Pin Header, SINGLE ROW, R/A, DOUBLE PLASTIC, CONCAVE BENDING, H=1.5
				Angle ± 3'	APPROVE	DATE	PROJ.		Customer NO.
				DIM TOL	Steven Zhao	2025/08/27			

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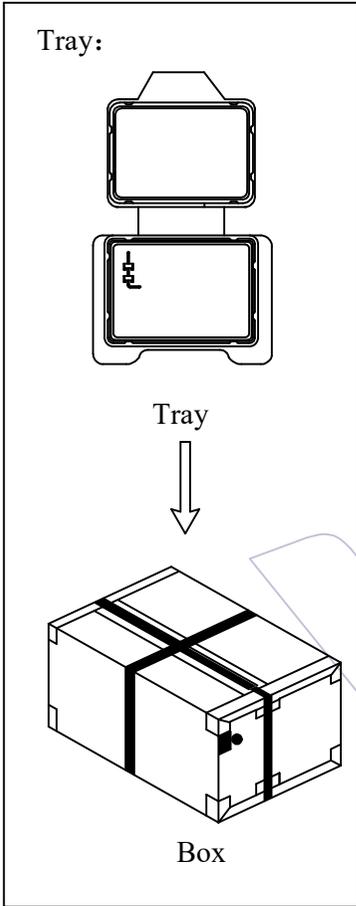
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## Packaging Quantity Refers To The Following Table

Packing:



PINS	Q' ty/Tray (10.8 ≤ L ≤ 12.8)	Q' ty/Box
1	1000	48000
2	500	24000
3	300	14400
4	250	12000
5	200	9600
6	150	7200
7	150	7200
8	100	4800
9	100	4800
10	100	4800
11	90	4320
12	80	3840
13	80	3840
14	70	3360
15	70	3360
16	60	2880
17	60	2880
18	60	2880
19	50	2400
20	50	2400
21	50	2400
22	40	1920
23	40	1920
24	40	1920
25	40	1920

PINS	Q' ty/Tray (10.8 ≤ L ≤ 12.8)	Q' ty/Box
26	40	1920
27	40	1920
28	40	1920
29	30	1440
30	30	1440
31	30	1440
32	30	1440
33	30	1440
34	30	1440
35	30	1440
36	30	1440
37	30	1440
38	30	1440
39	30	1440
40	20	960
41	20	960
42	20	960
43	20	960
44	20	960
45	20	960
46	20	960
47	20	960
48	20	960
49	20	960
50	20	960

PINS	Q' ty/Tray (12.8 < L ≤ 14.3)	Q' ty/Box
1	900	43200
2	450	21600
3	300	14400
4	200	9600
5	150	7200
6	150	7200
7	100	4800
8	100	4800
9	100	4800
10	80	3840
11	80	3840
12	70	3360
13	70	3360
14	60	2880
15	60	2880
16	50	2400
17	50	2400
18	50	2400
19	50	2400
20	40	1920
21	40	1920
22	40	1920
23	40	1920
24	40	1920
25	30	1440

PINS	Q' ty/Tray (12.8 < L ≤ 14.3)	Q' ty/Box
26	30	1440
27	30	1440
28	30	1440
29	30	1440
30	30	1440
31	30	1440
32	30	1440
33	30	1440
34	20	960
35	20	960
36	20	960
37	20	960
38	20	960
39	20	960
40	20	960
41	20	960
42	20	960
43	20	960
44	20	960
45	20	960
46	20	960
47	20	960
48	20	960
49	20	960
50	20	960

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