

# 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)  
 -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  $\triangle A2$

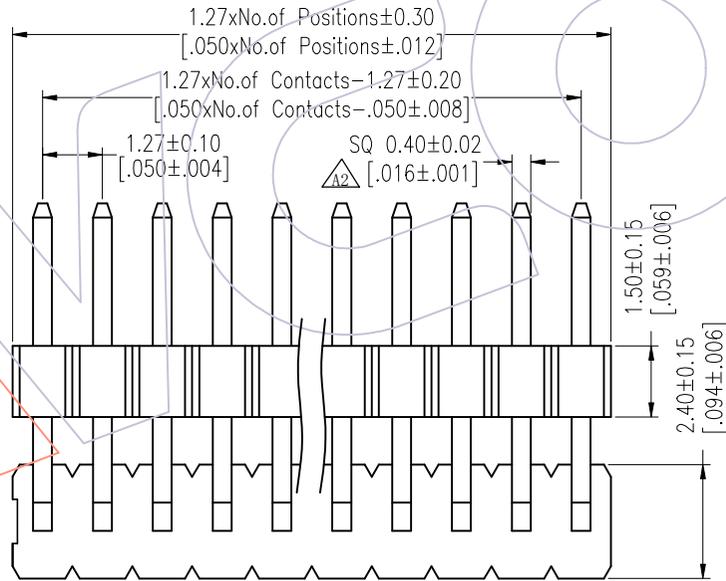
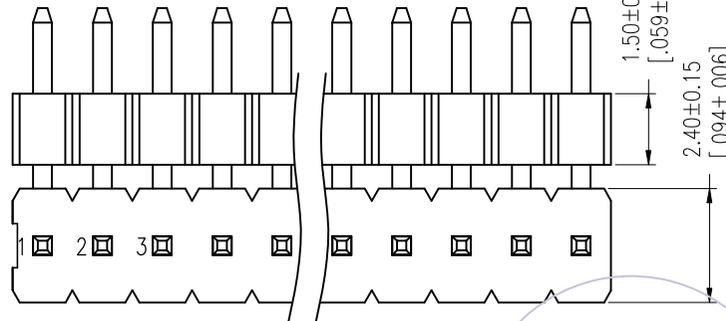
## Ordering Information

1315-2 1 XX XX R XXX C A XX

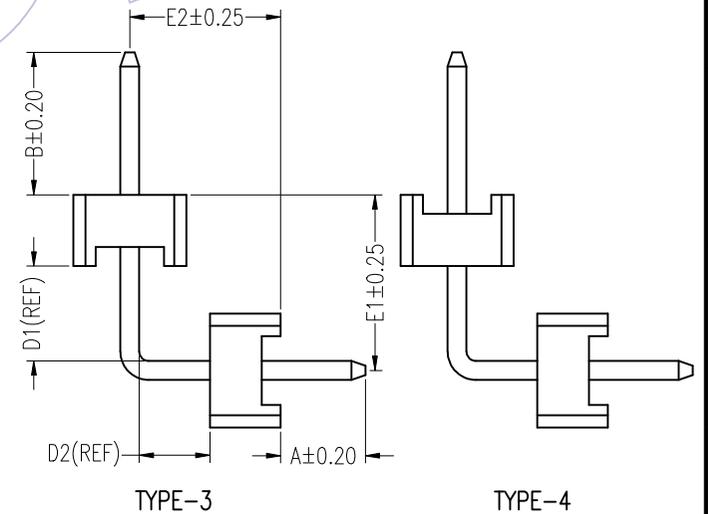
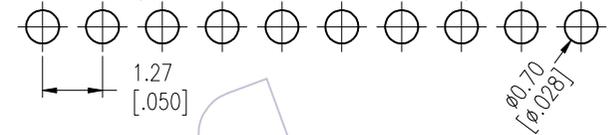
Plastic Layer  
 Plastic Row  
 No. of Pins Per Row: 02-50  
 Contact Plating  
 G0=Gold Flash  
 G3=10u"Au, BG3=8u"PdNi+2u"Au  
 G4=15u"Au, BG4=13u"PdNi+2u"Au  
 G5=30u"Au, BG5=28u"PdNi+2u"Au  
 S0=Gold Flash/Tin  
 S3=10u"Au/Sn, P3=8u"PdNi+2u"Au/Sn  
 S4=15u"Au/Sn, P4=13u"PdNi+2u"Au/Sn  
 S5=30u"Au/Sn, P5=28u"PdNi+2u"Au/Sn  
 SN=Bright Tin  
 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	D1	D2	E1	E2	B	Mating
Standard	11.8	3.00	2.0	1.5	3.7	3.2	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)	2.0	1.5	3.7	3.2	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, MIDDLE BENDING, H=1.5
				Angle ± 3'	APPROVE	DATE	PROJ.		Customer NO.
				DIM TOL	Steven Zhao	2025/08/27			

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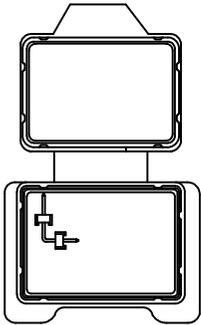
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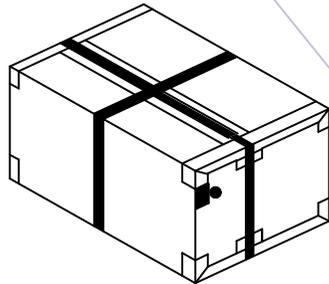
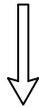
Packing:

Packaging Quantity Refers To The Following Table

Tray:



Tray



Box

PINS	Q' ty/Tray (10.8 ≤ L ≤ 12.8)	Q' ty/Box
1	850	40,800
2	400	19,200
3	300	14,400
4	200	9,600
5	150	7,200
6	150	7,200
7	100	4,800
8	100	4,800
9	100	4,800
10	80	3,840
11	80	3,840
12	70	3,360
13	60	2,880
14	60	2,880
15	60	2,880
16	50	2,400
17	50	2,400
18	50	2,400
19	40	1,920
20	40	1,920
21	40	1,920
22	40	1,920
23	40	1,920
24	30	1,440
25	30	1,440

PINS	Q' ty/Tray (10.8 ≤ L ≤ 12.8)	Q' ty/Box
26	30	1,440
27	30	1,440
28	30	1,440
29	30	1,440
30	30	1,440
31	30	1,440
32	30	1,440
33	20	960
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

PINS	Q' ty/Tray (12.8 < L ≤ 14.3)	Q' ty/Box
1	700	33,600
2	350	16,800
3	200	9,600
4	150	7,200
5	150	7,200
6	100	4,800
7	100	4,800
8	90	4,320
9	80	3,840
10	70	3,360
11	60	2,880
12	60	2,880
13	60	2,880
14	50	2,400
15	50	2,400
16	40	1,920
17	40	1,920
18	40	1,920
19	40	1,920
20	30	1,440
21	30	1,440
22	30	1,440
23	30	1,440
24	30	1,440
25	30	1,440

PINS	Q' ty/Tray (12.8 < L ≤ 14.3)	Q' ty/Box
26	30	1,440
27	20	960
28	20	960
29	20	960
30	20	960
31	20	960
32	20	960
33	20	960
34	20	960
35	20	960
36	20	960
37	20	960
38	20	960
39	20	960
40	15	720
41	15	720
42	15	720
43	15	720
44	15	720
45	15	720
46	15	720
47	15	720
48	15	720
49	15	720
50	15	720

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				Angle ± 3'	Steven Zhao		PROJ.	$\phi$ $\parallel$	
				DIM TOL					

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