

HSF

NOTES:

Rated Current: 1.5AMP.(20°C, 1*2P-1*15P)
 1.0AMP.(20°C, 1*16P-1*50P) $\triangle A2$
 Contact Resistance: 20m Ω Max.
 Withstand Voltage: 500V AC/DC
 Insulation Resistance: 1000M Ω 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

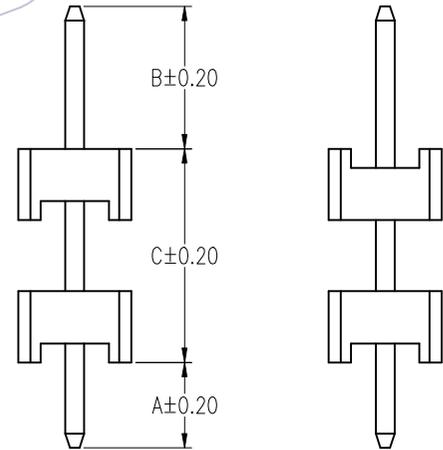
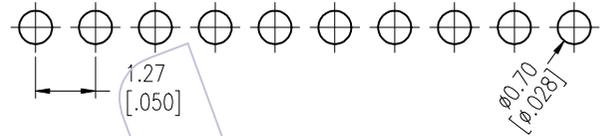
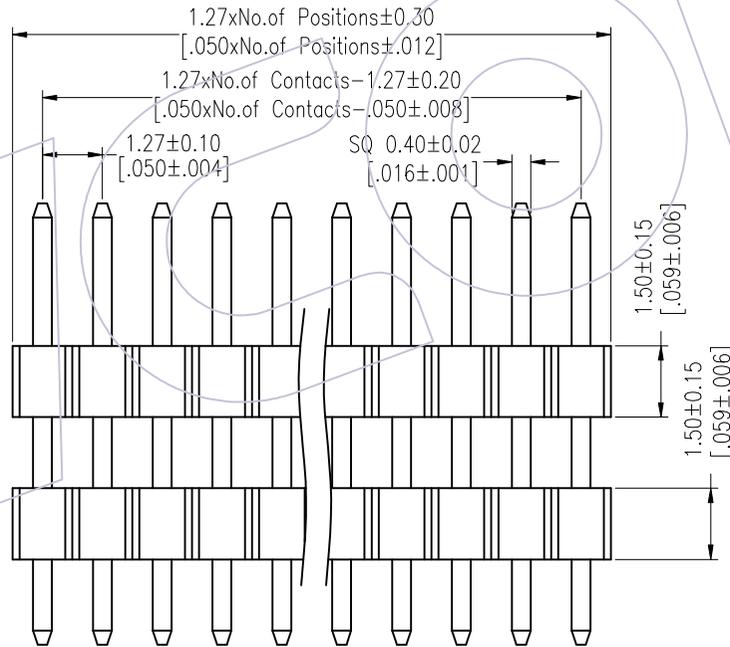
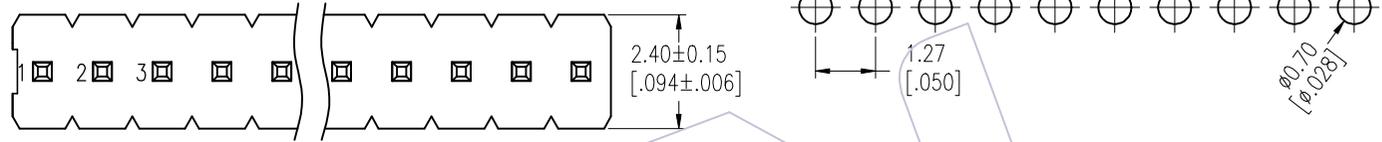
1315-2 1 XX XX S XXX C A XX $\triangle A2$

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:
 S=S/T

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



TYPE-1

TYPE-2

REV	DATE	MODIFICATION DESCRIPTION	CHANGE	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.
A2	2025/08/28	Standardization Drawing	CP	x.X ±0.40	CP	2025/08/28	UNIT	mm [inch]	1315-21XXXXXXXCXXX $\triangle A2$
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	2025/08/28	SHEET	1/3	1.27 Pin Header, SINGLE ROW, S/T, DOUBLE PLASTIC, H=1.5
				Angle ± 3'	APPROVE	DATE	PROJ.		Customer NO.
				DIM TOL	Steven Zhao	2025/08/28			

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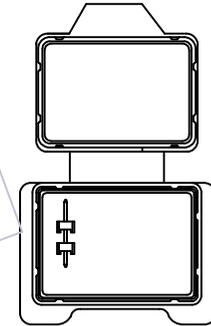
Table 1

Item	Pin Length	A	C	B	Mating
Standard	8.3	3.00	3.3	2.0	2321/2320T
	9.3			3.0	2334/2344/2346
	9.8			3.5	2357
	10.8			4.5	2345/2385
	9.8		4.8	2.0	2321/2320T
	10.8			3.0	2334/2344/2346
	11.3			3.5	2357
	12.3			4.5	2345/2385
	13.0	8.1	2.0	2321/2320T	
	14.0		3.0	2334/2344/2346	
	14.5		3.5	2357	
	15.5		4.5	2345/2385	
	14.5	9.4	2.0	2321/2320T	
	15.5		3.0	2334/2344/2346	
	16.0		3.5	2357	
	17.0		4.5	2345/2385	
	16.8	11.8	2.0	2321/2320T	
	17.8		3.0	2334/2344/2346	
	18.3		3.5	2357	
	19.3		4.5	2345/2385	
Alternate					

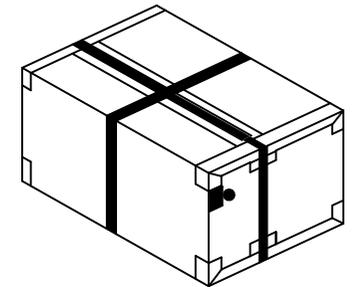
Item	Pin Length	A	C	B	Mating
Standard	7.3	2.0 (THR)	3.3	2.0	2321/2320T
	8.3			3.0	2334/2344/2346
	8.8			3.5	2357
	9.8			4.5	2345/2385
	8.8		4.8	2.0	2321/2320T
	9.8			3.0	2334/2344/2346
	10.3			3.5	2357
	11.3			4.5	2345/2385
	12.0	8.1	2.0	2321/2320T	
	13.0		3.0	2334/2344/2346	
	13.5		3.5	2357	
	14.5		4.5	2345/2385	
	13.5	9.4	2.0	2321/2320T	
	14.5		3.0	2334/2344/2346	
	15.0		3.5	2357	
	16.0		4.5	2345/2385	
	15.8	11.8	2.0	2321/2320T	
	16.8		3.0	2334/2344/2346	
	17.3		3.5	2357	
	18.3		4.5	2345/2385	
Alternate					

Packing:

Tray:



Tray



Box

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A2	2025/08/28	Standardization Drawing	CP	x.X ±0.40	CP	2025/08/28	UNIT	mm [inch]	1315-21XXXXXXXCXXX Δ
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AO	2012/03/15	NEW	William Chen	x.xxx ±0.15	TANG	2025/08/28	SHEET	2/3	1.27 Pin Header, SINGLE ROW, S/T, DOUBLE PLASTIC, H=1.5
				Angle ± 3'	APPROVE	DATE	PROJ.		Customer NO.
				DIM TOL	Steven Zhao	2025/08/28			

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Packaging Quantity Refers To The Following Table

PINS	Q' ty/Tray (L≤8.0)	Q' ty/Box	PINS	Q' ty/Tray (L≤8.0)	Q' ty/Box	PINS	Q' ty/Tray (8.0<L≤10.4)	Q' ty/Box	PINS	Q' ty/Tray (8.0<L≤10.4)	Q' ty/Box	PINS	Q' ty/Tray (L>10.4)	Q' ty/Box	PINS	Q' ty/Tray (L>10.4)	Q' ty/Box
1	1,000	48,000	26	200	9,600	1	1,000	48,000	26	150	7,200	1	500	24,000	26	100	4,800
2	1,000	48,000	27	200	9,600	2	800	38,400	27	150	7,200	2	500	24,000	27	100	4,800
3	700	33,600	28	200	9,600	3	700	33,600	28	150	7,200	3	500	24,000	28	100	4,800
4	700	33,600	29	200	9,600	4	500	24,000	29	150	7,200	4	400	19,200	29	100	4,800
5	700	33,600	30	200	9,600	5	500	24,000	30	150	7,200	5	400	19,200	30	100	4,800
6	600	28,800	31	150	7,200	6	500	24,000	31	100	4,800	6	300	14,400	31	100	4,800
7	600	28,800	32	150	7,200	7	500	24,000	32	100	4,800	7	300	14,400	32	80	3,840
8	600	28,800	33	150	7,200	8	300	14,400	33	100	4,800	8	300	14,400	33	80	3,840
9	500	24,000	34	150	7,200	9	300	14,400	34	100	4,800	9	300	14,400	34	80	3,840
10	500	24,000	35	150	7,200	10	300	14,400	35	100	4,800	10	200	9,600	35	80	3,840
11	500	24,000	36	150	7,200	11	300	14,400	36	100	4,800	11	200	9,600	36	80	3,840
12	500	24,000	37	150	7,200	12	300	14,400	37	100	4,800	12	200	9,600	37	80	3,840
13	500	24,000	38	150	7,200	13	200	9,600	38	100	4,800	13	200	9,600	38	80	3,840
14	300	14,400	39	150	7,200	14	200	9,600	39	100	4,800	14	150	7,200	39	80	3,840
15	300	14,400	40	150	7,200	15	200	9,600	40	100	4,800	15	150	7,200	40	80	3,840
16	300	14,400	41	70	3,360	16	200	9,600	41	50	2,400	16	150	7,200	41	30	1,440
17	300	14,400	42	70	3,360	17	200	9,600	42	50	2,400	17	150	7,200	42	30	1,440
18	300	14,400	43	70	3,360	18	200	9,600	43	50	2,400	18	150	7,200	43	20	960
19	300	14,400	44	60	2,880	19	200	9,600	44	40	1,920	19	150	7,200	44	20	960
20	300	14,400	45	60	2,880	20	150	7,200	45	40	1,920	20	150	7,200	45	20	960
21	200	9,600	46	60	2,880	21	150	7,200	46	40	1,920	21	100	4,800	46	20	960
22	200	9,600	47	60	2,880	22	150	7,200	47	40	1,920	22	100	4,800	47	20	960
23	200	9,600	48	60	2,880	23	150	7,200	48	40	1,920	23	100	4,800	48	20	960
24	200	9,600	49	60	2,880	24	150	7,200	49	40	1,920	24	100	4,800	49	20	960
25	200	9,600	50	60	2,880	25	150	7,200	50	40	1,920	25	100	4,800	50	20	960

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