

HSF

NOTES:

Rated Current: 1.5AMP.(20°C, 1*2P-1*15P)
 1.0AMP.(20°C, 1*16P-1*50P) $\Delta 3$
 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) $\Delta 3$
 Contact Material: Copper Alloy
 Contact Plating: Au or Sn Over 30u" Min Ni $\Delta 3$
 Insulator Material: PA9T+G.F UL94V-0 BK $\Delta 3$

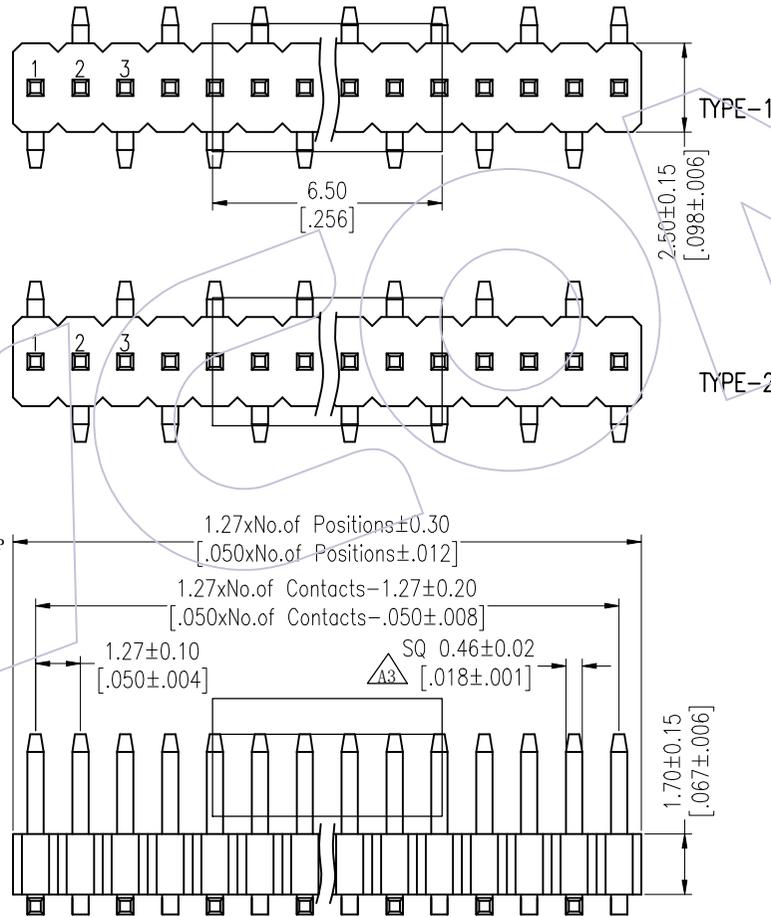
Ordering Information

1317-1 1 XX XX M XXX C R 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

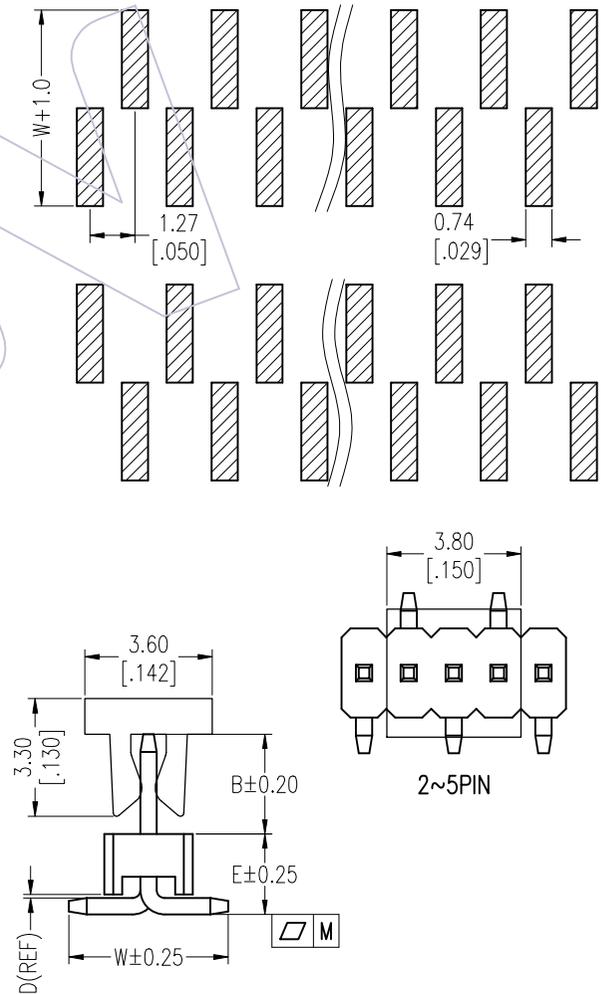
Series No. 01~99
 Packing T=Tube P=Tube+CAP R=Tape&Reel+CAP
 Insulator Material C=PA9T(Standard)
 Pin Length L(See Table)
 Type: M=SMT

Item	Pin Length	W	E	D	B	Mating
Standard	6.0	4.5	2.26	0.1	2.0	2321/2320T
	7.0				3.0	2334/2344/2346
	7.5				3.5	2357
	8.5				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	DIM	TOL	APPROVE	DATE	PROJ.	PART NO.	TITLE:	Customer NO.
A3	2025/08/13	Standardization Drawing	CP			OPERATION	2025/08/13		1317-11XXXXMXXXCXXX $\Delta 3$		
A2	2023/02/02	Add Flatness	Du Ying	X.X	±0.40	CP	2025/08/13				
A1	2018/01/17	MODIFY PART NO.	William Chen	X.XX	±0.25	CHECK	2025/08/13				
AO	2012/03/16	NEW	William Chen	X.XXX	±0.15	TANG	2025/08/13				
				Angle	± 3'	APPROVE	2025/08/13				
						Steven Zhao					

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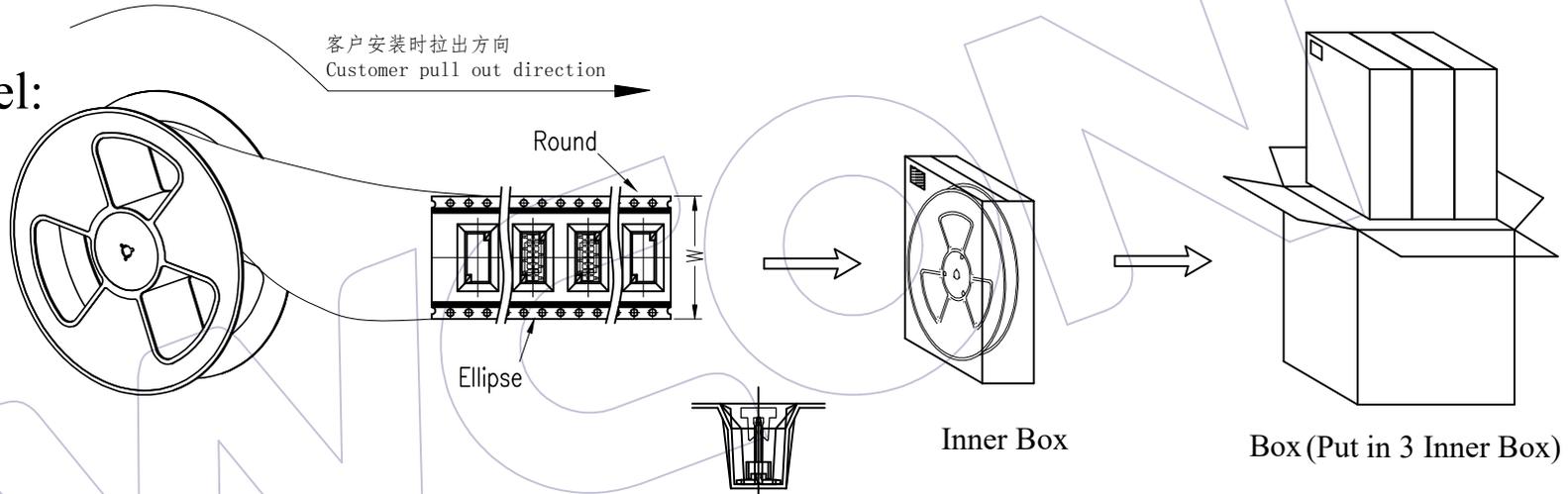
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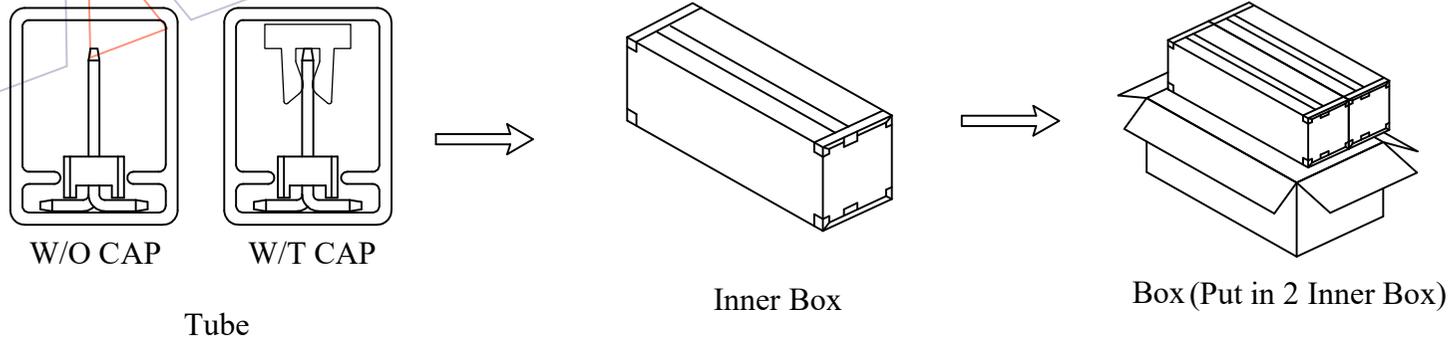
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Packing:

Reel:



Tube:



A3	2025/08/13	Standardization Drawing	CP	OPERATION	DRAW	DATE	SCALE	Fit	PART NO. 1317-11XXXXMXXXCXXX
A2	2023/02/02	Add Flatness	Du Ying	X.X ±0.40	CP	2025/08/13	UNIT	mm [inch]	
A1	2018/01/17	MODIFY PART NO.	William Chen	X.XX ±0.25	CHECK	DATE	SIZE	A4	TITLE: 1.27 Pin Header, SINGLE ROW, SMT, H=1.7
A0	2012/03/16	NEW	William Chen	X.XXX ±0.15	TANG	2025/08/13	SHEET	2/4	
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3'	APPROVE	DATE	PROJ.		Customer NO.
				DIM TOL	Steven Zhao	2025/08/13			

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Packaging Quantity Refers To The Following Table

PINS	Q' ty/Tube	Q' ty/Inner Box	Q' ty/Box	PINS	Q' ty/Tube	Q' ty/Inner Box	Q' ty/Box
4	107	34,240	68,480	28	16	5,120	10,240
5	87	27,840	55,680	29	15	4,800	9,600
6	73	23,360	46,720	30	15	4,800	9,600
7	63	20,160	40,320	31	14	4,480	8,960
8	55	17,600	35,200	32	14	4,480	8,960
9	49	15,680	31,360	33	13	4,160	8,320
10	44	14,080	28,160	34	13	4,160	8,320
11	40	12,800	25,600	35	12	3,840	7,680
12	37	11,840	23,680	36	12	3,840	7,680
13	34	10,880	21,760	37	12	3,840	7,680
14	32	10,240	20,480	38	11	3,520	7,040
15	29	9,280	18,560	39	11	3,520	7,040
16	28	8,960	17,920	40	11	3,520	7,040
17	26	8,320	16,640	41	11	3,520	7,040
18	25	8,000	16,000	42	10	3,200	6,400
19	23	7,360	14,720	43	10	3,200	6,400
20	22	7,040	14,080	44	10	3,200	6,400
21	21	6,720	13,440	45	10	3,200	6,400
22	20	6,400	12,800	46	9	2,880	5,760
23	19	6,080	12,160	47	9	2,880	5,760
24	18	5,760	11,520	48	9	2,880	5,760
25	18	5,760	11,520	49	9	2,880	5,760
26	17	5,440	10,880	50	9	2,880	5,760
27	16	5,120	10,240				

B=2.0

PINS	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
2	12	900	5,400	16,200
3	16	900	3,600	10,800
4	16	900	3,600	10,800
5	16	900	3,600	10,800
6	24	900	2,700	8,100
7	24	900	2,700	8,100
8	24	900	2,700	8,100
9	24	900	2,700	8,100
10	24	900	2,700	8,100
11	24	900	2,700	8,100
12	32	900	1,800	5,400
13	32	900	1,800	5,400
14	32	900	1,800	5,400
15	32	900	1,800	5,400
16	44	900	1,800	5,400
17	44	900	1,800	5,400
18	44	900	1,800	5,400
19	44	900	1,800	5,400
20	44	900	1,800	5,400
21	44	900	1,800	5,400
22	44	900	1,800	5,400
23	44	900	1,800	5,400
24	44	900	1,800	5,400
25	44	900	1,800	5,400
26	56	900	900	2,700

B=2.0

PINS	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
27	56	900	900	2,700
28	56	900	900	2,700
29	56	900	900	2,700
30	56	900	900	2,700
31	56	900	900	2,700
32	56	900	900	2,700
33	56	900	900	2,700
34	56	900	900	2,700
35	72	900	900	2,700
36	72	900	900	2,700
37	72	900	900	2,700
38	72	900	900	2,700
39	72	900	900	2,700
40	72	900	900	2,700
41	72	900	900	2,700
42	72	900	900	2,700
43	72	900	900	2,700
44	72	900	900	2,700
45	72	900	900	2,700
46	72	900	900	2,700
47	72	900	900	2,700
48	88	900	900	2,700
49	88	900	900	2,700
50	88	900	900	2,700

B=3.0

PINS	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
2	12	800	4,800	14,400
3	16	800	3,200	9,600
4	16	800	3,200	9,600
5	16	800	3,200	9,600
6	24	800	2,400	7,200
7	24	800	2,400	7,200
8	24	800	2,400	7,200
9	24	800	2,400	7,200
10	24	800	2,400	7,200
11	24	800	2,400	7,200
12	32	800	1,600	4,800
13	32	800	1,600	4,800
14	32	800	1,600	4,800
15	44	800	1,600	4,800
16	44	800	1,600	4,800
17	44	800	1,600	4,800
18	44	800	1,600	4,800
19	44	800	1,600	4,800
20	44	800	1,600	4,800
21	44	800	1,600	4,800
22	44	800	1,600	4,800
23	44	800	1,600	4,800
24	44	800	1,600	4,800
25	56	800	800	2,400
26	56	800	800	2,400

A3	2025/08/13	Standardization Drawing	CP	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.
A2	2023/02/02	Add Flatness	Du Ying	x.X ±0.40	CP	2025/08/13	UNIT	mm [inch]	1317-11XXXXMXXCXXX
A1	2018/01/17	MODIFY PART NO.	William Chen	x.XX ±0.25	CHECK	DATE	SIZE	A4	TITLE:
A0	2012/03/16	NEW	William Chen	x.XXX ±0.15	TANG	2025/08/13	SHEET	3/4	1.27 Pin Header, SINGLE ROW, SMT, H=1.7
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3'	APPROVE	DATE	PROJ.		Customer NO.
				DIM TOL	Steven Zhao	2025/08/13			

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Packaging Quantity Refers To The Following Table

B=3.0

B=3.0

B=3.5

B=4.5

B=4.5

PINS	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
27	56	800	800	2,400
28	56	800	800	2,400
29	56	800	800	2,400
30	56	800	800	2,400
31	56	800	800	2,400
32	56	800	800	2,400
33	56	800	800	2,400
34	72	800	800	2,400
35	72	800	800	2,400
36	72	800	800	2,400
37	72	800	800	2,400
38	72	800	800	2,400
39	72	800	800	2,400
40	72	800	800	2,400
41	72	800	800	2,400
42	72	800	800	2,400
43	72	800	800	2,400
44	72	800	800	2,400
45	72	800	800	2,400
46	72	800	800	2,400
47	88	800	800	2,400
48	88	800	800	2,400
49	88	800	800	2,400
50	88	800	800	2,400

PINS	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
2	12	700	4,200	12,600
3	16	700	2,800	8,400
4	16	700	2,800	8,400
5	24	700	2,100	6,300
6	24	700	2,100	6,300
7	24	700	2,100	6,300
8	24	700	2,100	6,300
9	24	700	2,100	6,300
10	24	700	2,100	6,300
11	32	700	1,400	4,200
12	32	700	1,400	4,200
13	32	700	1,400	4,200
14	32	700	1,400	4,200
15	44	700	1,400	4,200
16	44	700	1,400	4,200
17	44	700	1,400	4,200
18	44	700	1,400	4,200
19	44	700	1,400	4,200
20	44	700	1,400	4,200
21	44	700	1,400	4,200
22	44	700	1,400	4,200
23	44	700	1,400	4,200
24	56	700	700	2,100
25	56	700	700	2,100
26	56	700	700	2,100

PINS	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
27	56	700	700	2,100
28	56	700	700	2,100
29	56	700	700	2,100
30	56	700	700	2,100
31	56	700	700	2,100
32	56	700	700	2,100
33	56	700	700	2,100
34	72	700	700	2,100
35	72	700	700	2,100
36	72	700	700	2,100
37	72	700	700	2,100
38	72	700	700	2,100
39	72	700	700	2,100
40	72	700	700	2,100
41	72	700	700	2,100
42	72	700	700	2,100
43	72	700	700	2,100
44	72	700	700	2,100
45	72	700	700	2,100
46	88	700	700	2,100
47	88	700	700	2,100
48	88	700	700	2,100
49	88	700	700	2,100
50	88	700	700	2,100

PINS	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
2	12	650	3,900	11,700
3	16	650	2,600	7,800
4	24	650	1,950	5,850
5	24	650	1,950	5,850
6	24	650	1,950	5,850
7	24	650	1,950	5,850
8	24	650	1,950	5,850
9	24	650	1,950	5,850
10	24	650	1,950	5,850
11	32	650	1,300	3,900
12	32	650	1,300	3,900
13	32	650	1,300	3,900
14	44	650	1,300	3,900
15	44	650	1,300	3,900
16	44	650	1,300	3,900
17	44	650	1,300	3,900
18	44	650	1,300	3,900
19	44	650	1,300	3,900
20	44	650	1,300	3,900
21	44	650	1,300	3,900
22	44	650	1,300	3,900
23	56	650	650	1,950
24	56	650	650	1,950
25	56	650	650	1,950
26	56	650	650	1,950

PINS	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
27	56	650	650	1,950
28	56	650	650	1,950
29	56	650	650	1,950
30	56	650	650	1,950
31	56	650	650	1,950
32	56	650	650	1,950
33	72	650	650	1,950
34	72	650	650	1,950
35	72	650	650	1,950
36	72	650	650	1,950
37	72	650	650	1,950
38	72	650	650	1,950
39	72	650	650	1,950
40	72	650	650	1,950
41	72	650	650	1,950
42	72	650	650	1,950
43	72	650	650	1,950
44	72	650	650	1,950
45	88	650	650	1,950
46	88	650	650	1,950
47	88	650	650	1,950
48	88	650	650	1,950
49	88	650	650	1,950
50	88	650	650	1,950

A3	2025/08/13	Standardization Drawing	CP	OPERATION	DRAW	DATE	SCALE	Fit	PART NO. 1317-11XXXXMXXXCXXX
A2	2023/02/02	Add Flatness	Du Ying	X.X ±0.40	CP	2025/08/13	UNIT	mm [inch]	
A1	2018/01/17	MODIFY PART NO.	William Chen	X.XX ±0.25	CHECK	DATE	SIZE	A4	
A0	2012/03/16	NEW	William Chen	X.XXX ±0.15	TANG	2025/08/13	SHEET	4/4	
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3'	APPROVE	DATE	PROJ.		TITLE: 1.27 Pin Header, SINGLE ROW, SMT, H=1.7
				DIM TOL	Steven Zhao	2025/08/13			Customer NO.

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