

HSF

NOTES:

Rated Current: 1.0AMP.(20°C, 1*2P-1*15P)

0.75AMP.(20°C, 1*16P-1*50P) $\Delta\Delta$

Contact Resistance: 30m Ω Max.

Withstand Voltage: 500V AC/DC

Insulation Resistance: 1000M Ω Min.

Operation Temperature: -40°C to +125°C (Gold Plating) $\Delta\Delta$
-40°C to +105°C (Tin Plating)

Contact Material: Copper Alloy

Contact Plating: Au or Sn Over 30u" Min Ni

Insulator Material: PA9T+G.F UL94V-0 BK $\Delta\Delta$

Ordering Information

1510-1 1 XX XX Z XXX C X XX $\Delta\Delta$

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

SN=Bright Tin

SM=Matte Tin

Series No.

01~99

Packing

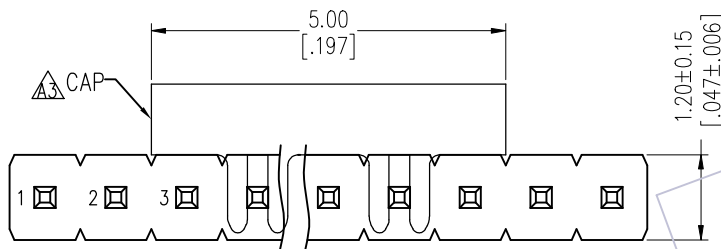
R=Tape&Reel+CAP

Insulator Material
C=PA9T(Standard)

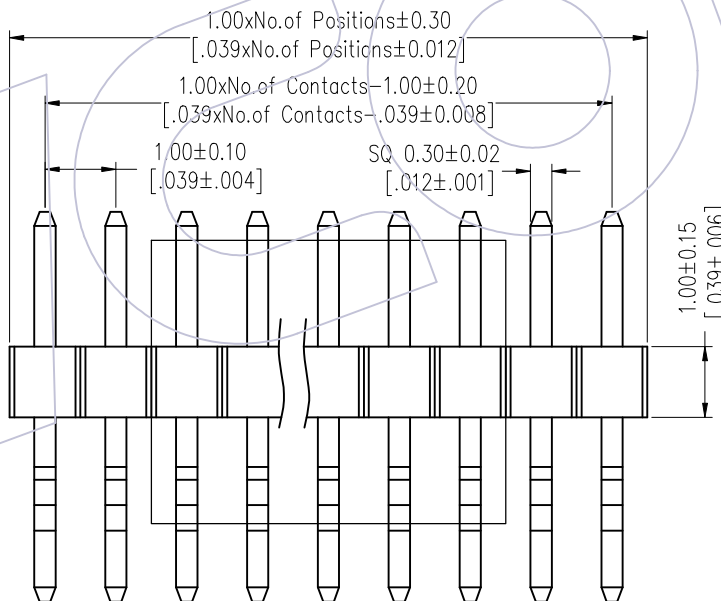
Pin Length
L(See Table)

Type:

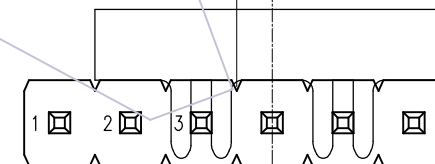
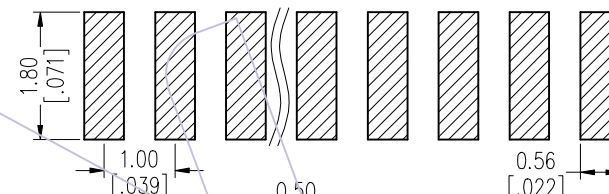
Z=R/A SMT



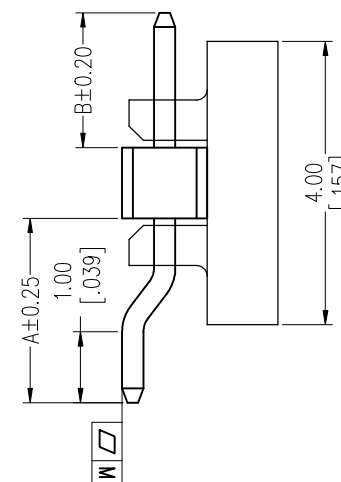
Odd Numbers



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



Dual Numbers $\Delta\Delta$



Item	Pin Length	A	B	Mating
Standard	5.5	2.6	1.9	2521/2537
Alternate				

PIN	2-15P	16-30P	31-50P
M	0.10	0.15	0.20

A4	2025/09/25	Standardization Drawing	CP	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.
A3	2018/09/07	MODIFY	Ding	X.X ±0.40	CP	2025/09/25	UNIT	mm [inch]	1510-11XXXXZXXXCXXX $\Delta\Delta$
A2	2018/01/05	MODIFY PART NO.	William Chen	X.XX ±0.25	CHECK	DATE	SIZE	A4	TITLE:
A0	2012/12/25	NEW	William Chen	X.XXX ±0.15	TANG	2025/09/25	SHEET	1/2	1.00 Pin Header, SINGLE ROW, R/A&SMT, H=1.0
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3°	APPROVE	DATE	PROJ.		Customer NO.
				DIM TOL	Steven Zhao	2025/09/25			

WCON

Http: www.wcon.com

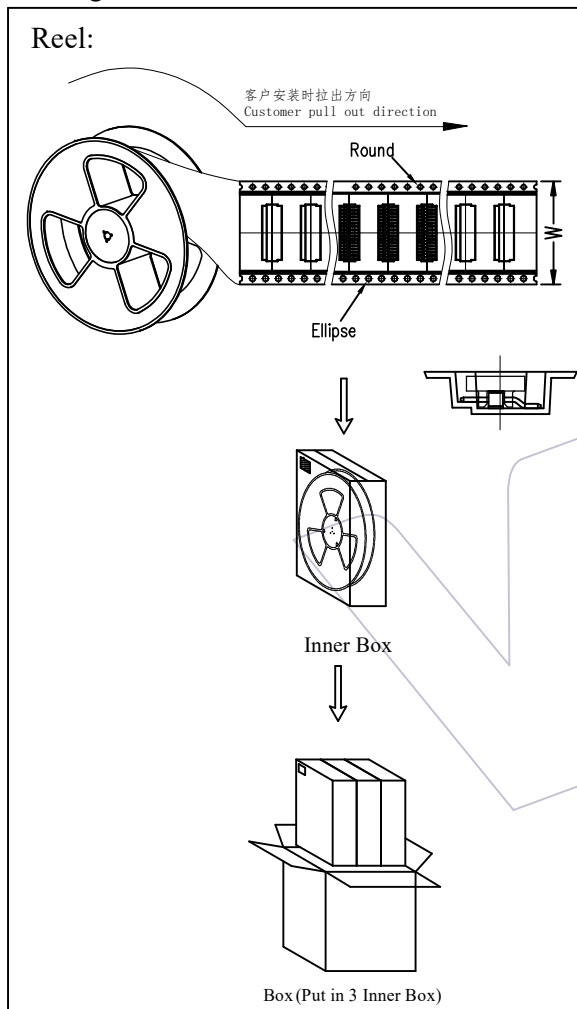
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WCON-Kunshan
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HSF

Packaging Quantity Refers To The Following Table

Packing:



PINS	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
2	16	2,050	8,200	24,600
3	16	2,050	8,200	24,600
4	16	2,050	8,200	24,600
5	16	2,050	8,200	24,600
6	16	2,050	8,200	24,600
7	16	2,050	8,200	24,600
8	16	2,050	8,200	24,600
9	24	2,050	6,150	18,450
10	24	2,050	6,150	18,450
11	24	2,050	6,150	18,450
12	24	2,050	6,150	18,450
13	24	2,050	6,150	18,450
14	24	2,050	6,150	18,450
15	24	2,050	6,150	18,450
16	24	2,050	6,150	18,450
17	32	2,050	4,100	12,300
18	32	2,050	4,100	12,300
19	32	2,050	4,100	12,300
20	32	2,050	4,100	12,300
21	32	2,050	4,100	12,300
22	44	2,050	4,100	12,300
23	44	2,050	4,100	12,300
24	44	2,050	4,100	12,300
25	44	2,050	4,100	12,300
26	44	2,050	4,100	12,300

PINS	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
27	44	2,050	4,100	12,300
28	44	2,050	4,100	12,300
29	44	2,050	4,100	12,300
30	44	2,050	4,100	12,300
31	44	2,050	4,100	12,300
32	44	2,050	4,100	12,300
33	44	2,050	4,100	12,300
34	56	2,050	2,050	6,150
35	56	2,050	2,050	6,150
36	56	2,050	2,050	6,150
37	56	2,050	2,050	6,150
38	56	2,050	2,050	6,150
39	56	2,050	2,050	6,150
40	56	2,050	2,050	6,150
41	56	2,050	2,050	6,150
42	56	2,050	2,050	6,150
43	56	2,050	2,050	6,150
44	56	2,050	2,050	6,150
45	56	2,050	2,050	6,150
46	72	2,050	2,050	6,150
47	72	2,050	2,050	6,150
48	72	2,050	2,050	6,150
49	72	2,050	2,050	6,150
50	72	2,050	2,050	6,150

A4	2025/09/25	Standardization Drawing	CP	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.	 Http: www.wcon.com WCON-Dongguan Tel: +86 769 85358920 Fax: +86 769 85358915 E-mail: sales@wcon.com WCON-Kunshan Tel: +86 512 57468408 Fax: +86 512 57468468 E-mail: salesks@wcon.com
A3	2018/09/07	MODIFY	Ding	x.x ±0.40	CP	2025/09/25	UNIT	mm [inch]	1510-11XXXXZXXXCXXX	
A2	2018/01/05	MODIFY PART NO.	William Chen	x.xx ±0.25	CHECK	DATE	SIZE	A4	TITLE:	
A0	2012/12/25	NEW	William Chen	x.xxx ±0.15	TANG	2025/09/25	SHEET	2/2	1.00 Pin Header, SINGLE ROW, R/A&SMT, H=1.0	
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3° DIM TOL	APPROVE Steven Zhao	DATE	PROJ.		Customer NO.	
						2025/09/25				