

HSF

NOTES:

Rated Current:1.0AMP.(20°C,1*2P-1*15P)
 0.75AMP.(20°C,1*16P-1*50P) $\triangle A$
 Contact Resistance:30m Ω Max.
 Withstand Voltage:500V AC/DC
 Insulation Resistance:1000M Ω Min.
 Operation Temperature:-40°C to +125°C(Gold Plating)
 -40°C to +105°C(Tin Plating) $\triangle A$
 Contact Material:Copper Alloy
 Contact Plating:Au or Sn Over 30u" Min Ni $\triangle A$
 Insulator Material:PA9T+G.F UL94V-O BK

Ordering Information

1510-1 1 XX XX M XXX C X XX $\triangle A$

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

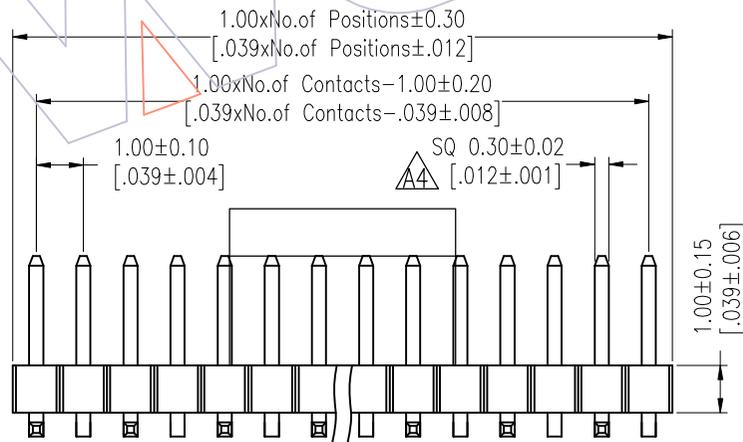
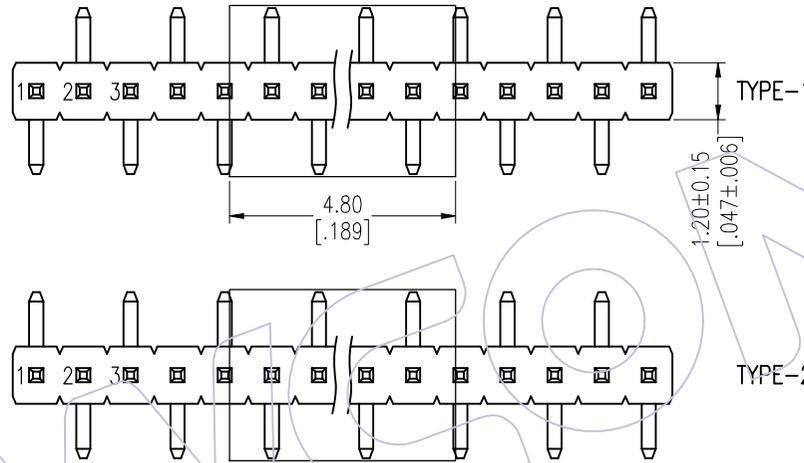
Series No.
 01-99
 Packing
 R=Tape&Reel+CAP

Insulator Material
 C=PA9T(Standard)

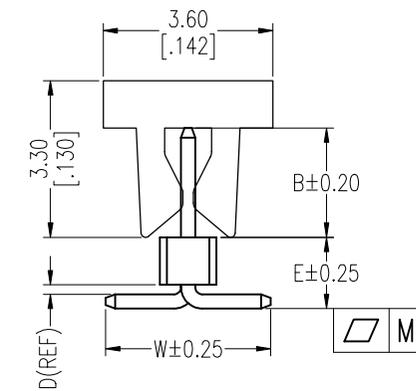
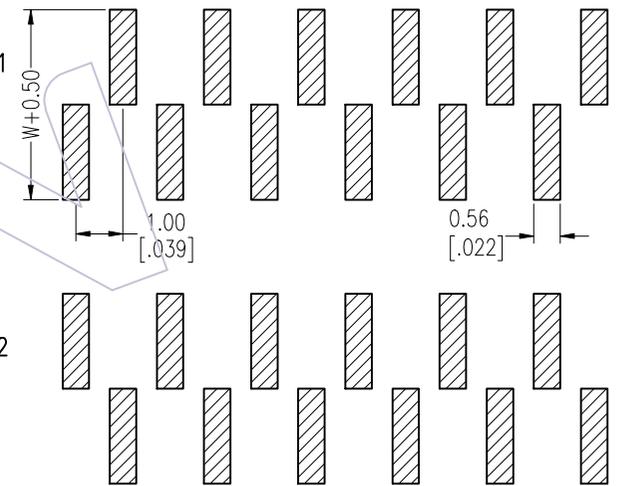
Pin Length
 L(See Table)
 Type:
 M=SMT

Item	Pin Length	W	B	D	E	Mating
Standard	4.8	3.5	1.9	0.2	1.5	2521/2537
Alternate						

PIN(PerRow)	2-15P	16-30P	31-50P
M	0.10	0.15	0.18



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:
A4	2025/09/25	Standardization Drawing	CP			OPERATION	2025/09/25	SCALE	1510-11XXXXMXXXCXXX $\triangle A$	1.00 Pin Header, SINGLE ROW, SMT, H=1.0
A3	2023/02/01	Add Flatness	Du Ying	x.X	±0.40	DRAW	2025/09/25	UNIT	Customer NO.	Customer NO.
A2	2018/01/05	MODIFY PART NO.	William Chen	x.XX	±0.25	CHECK	2025/09/25	SIZE		
A0	2012/03/01	NEW	William Chen	x.XXX	±0.15	TANG	2025/09/25	SHEET	Customer NO.	
				Angle	± 3'	APPROVE	2025/09/25	PROJ.		
						Steven Zhao				

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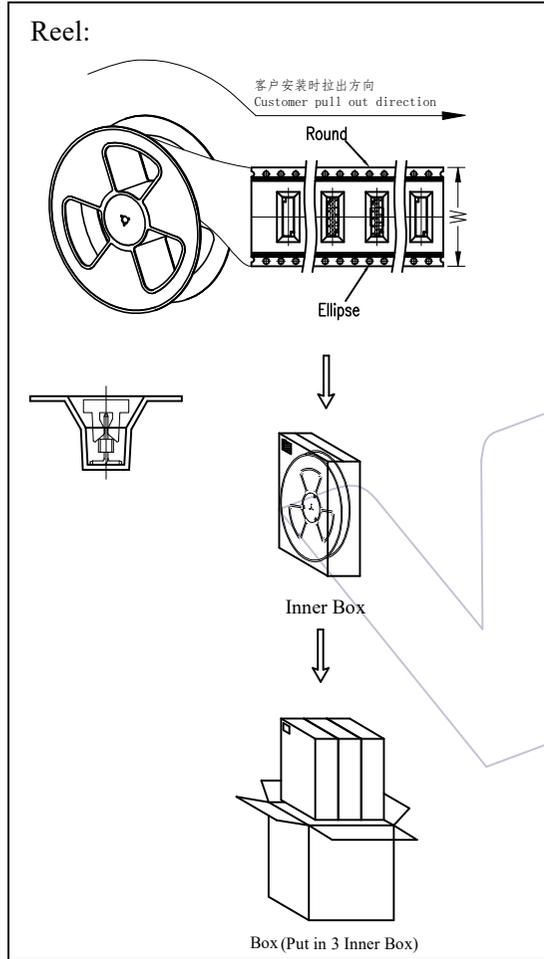
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HSF

Packaging Quantity Refers To The Following Table

Packing:



PINS	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box	PINS	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
2	12	1,500	9,000	27,000	27	44	1,500	3,000	9,000
3	12	1,500	9,000	27,000	28	44	1,500	3,000	9,000
4	16	1,500	6,000	18,000	29	44	1,500	3,000	9,000
5	16	1,500	6,000	18,000	30	44	1,500	3,000	9,000
6	16	1,500	6,000	18,000	31	44	1,500	3,000	9,000
7	16	1,500	6,000	18,000	32	44	1,500	3,000	9,000
8	24	1,500	4,500	13,500	33	44	1,500	3,000	9,000
9	24	1,500	4,500	13,500	34	56	1,500	1,500	4,500
10	24	1,500	4,500	13,500	35	56	1,500	1,500	4,500
11	24	1,500	4,500	13,500	36	56	1,500	1,500	4,500
12	24	1,500	4,500	13,500	37	56	1,500	1,500	4,500
13	24	1,500	4,500	13,500	38	56	1,500	1,500	4,500
14	24	1,500	4,500	13,500	39	56	1,500	1,500	4,500
15	24	1,500	4,500	13,500	40	56	1,500	1,500	4,500
16	32	1,500	3,000	9,000	41	56	1,500	1,500	4,500
17	32	1,500	3,000	9,000	42	56	1,500	1,500	4,500
18	32	1,500	3,000	9,000	43	56	1,500	1,500	4,500
19	32	1,500	3,000	9,000	44	56	1,500	1,500	4,500
20	32	1,500	3,000	9,000	45	56	1,500	1,500	4,500
21	32	1,500	3,000	9,000	46	72	1,500	1,500	4,500
22	44	1,500	3,000	9,000	47	72	1,500	1,500	4,500
23	44	1,500	3,000	9,000	48	72	1,500	1,500	4,500
24	44	1,500	3,000	9,000	49	72	1,500	1,500	4,500
25	44	1,500	3,000	9,000	50	72	1,500	1,500	4,500
26	44	1,500	3,000	9,000					

A4	2025/09/25	Standardization Drawing	CP	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.
A3	2023/02/01	Add Flatness	Du Ying	x.X ±0.40	CP	2025/09/25	UNIT	mm [inch]	1510-11XXXXMXXCXXX $\triangle A2$
A2	2018/01/05	MODIFY PART NO.	William Chen	x.XX ±0.25	CHECK	DATE	SIZE	A4	TITLE:
A0	2012/03/01	NEW	William Chen	x.XXX ±0.15	TANG	2025/09/25	SHEET	2/2	1.00 Pin Header, SINGLE ROW, SMT, H=1.0
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3'	APPROVE	DATE	PROJ.	ϕ \leftarrow	Customer NO.
				DIM TOL	Steven Zhao	2025/09/25			



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