

HSF

NOTES:

Rated Current:1.0AMP.(20℃,2*2P-2*15P)

0.75AMP.(20℃,2*16P-2*50P)⚠

Contact Resistance:30mΩ Max.

Withstand Voltage:500V AC/DC

Insulation Resistance:1000MΩ Min.⚠

Operation Temperature:-40℃ to +125℃(Gold Plating)

-40℃ to +105℃(Tin Plating)

Contact Material:Copper Alloy

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

Insulator Material:LCP+G.F UL94V-0 BK(std)⚠⚠

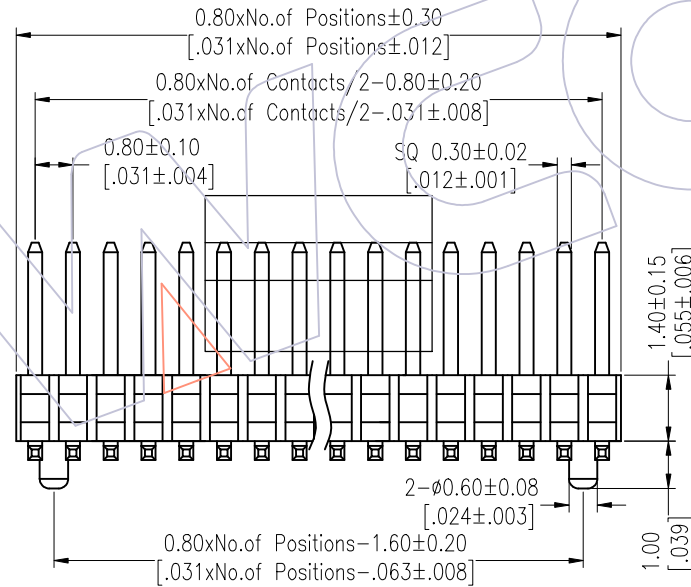
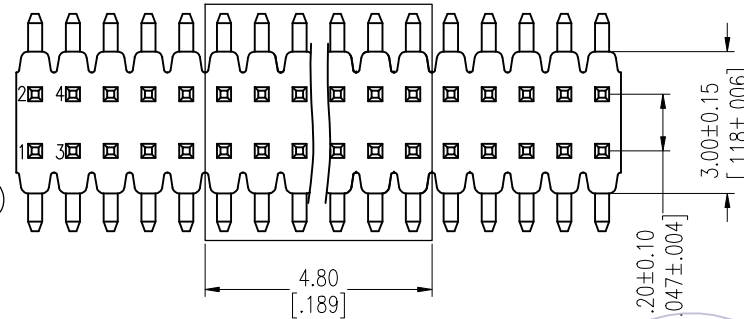
Ordering Information

1614-1 2 XX XX M XXX X X XX ⚠

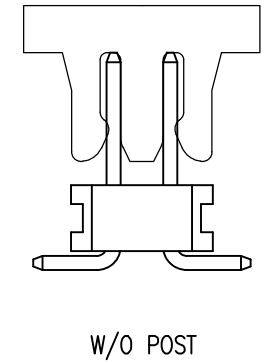
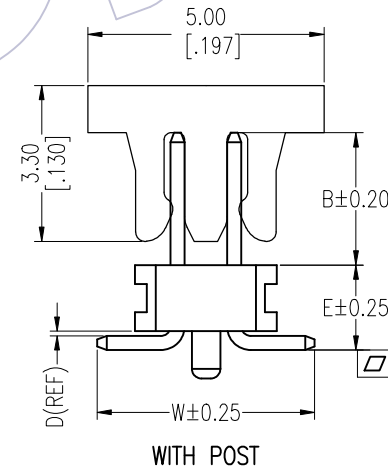
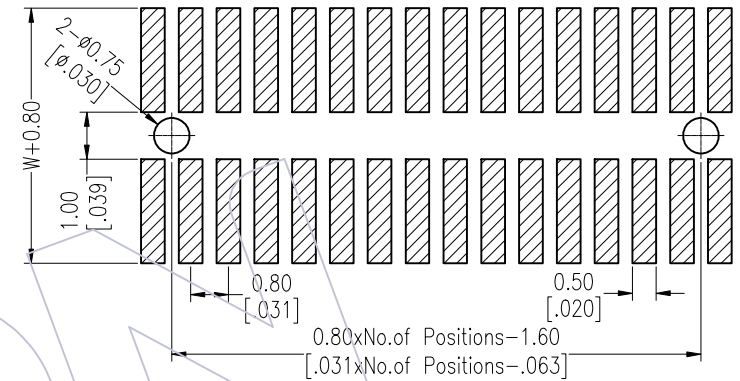
Plastic Layer	Series No.
Plastic Row	01-99
No. of Pins	Packing
Per Row:02-50	T=Tube
Contact Plating	P=Tube+CAP
G0=Gold Flash	R=Tape&Reel+CAP
G3=10u"Au, BG3=8u"PdNi+2u"Au	Insulator Material
G4=15u"Au, BG4=13u"PdNi+2u"Au	D=LCP(Standard)
G5=30u"Au, BG5=28u"PdNi+2u"Au	Pin Length
SN=Bright Tin	L(See Table)
SM=Matte Tin	Type:
	M=SMT

Item	Pin Length	W	D	B	E	Mating
Standard	6.0	4.6	0.1	2.8	1.8	2631 ⚠
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)



A4	2025/10/09	Standardization Drawing	CP	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.
A3	2024/06/20	MODIFY	BAO	x.x ±0.40	CP	2025/10/09	UNIT	mm [inch]	1614-12XXXXMXXXXXX ⚠
A2	2023/01/31	Add Flatness	----	x.xx ±0.25	CHECK	DATE	SIZE	A4	TITLE:
A0	2012/02/28	NEW	----	x.xxx ±0.15	TANG	2025/10/09	SHEET	1/4	0.80*1.20 Pin Header, DUAL ROW,SMT,H=1.4
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3'	APPROVE	DATE	PROJ.		Customer NO.
				DIM TOL	Steven Zhao	2025/10/09			

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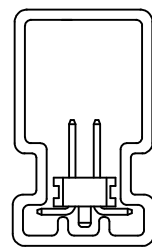
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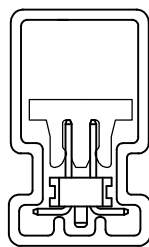
HSF

Packing:

Tube:

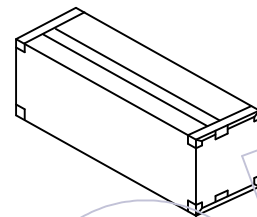


W/O CAP

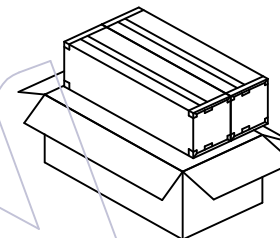


W/T CAP

Tube

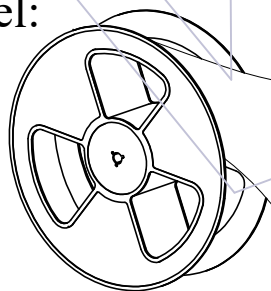


Inner Box



Box

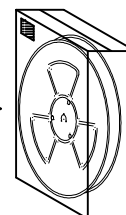
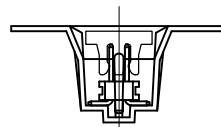
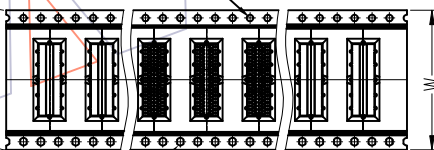
Reel:



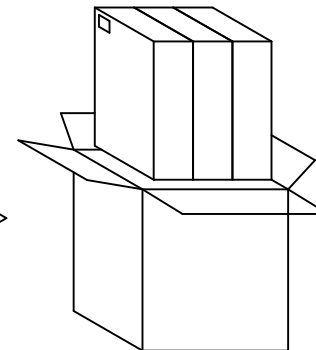
客户安装时拉出方向
Customer pull out direction

Round

Ellipse



Inner Box



Box (Put in 3 Inner Box)

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A3	2024/06/20	MODIFY	BAO	X.X ±0.40	CP	2025/10/09	UNIT	mm [inch]	1614-12XXXXMXXXXXX 	
A2	2023/01/31	Add Flatness	----	X.XX ±0.25	CHECK	DATE	SIZE	A4	TITLE:	
A0	2012/02/28	NEW	----	X.XXX ±0.15	TANG	2025/10/09	SHEET	2/4	0.80*1.20 Pin Header, DUAL ROW,SMT,H=1.4	
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3'	APPROVE Steven Zhao	DATE	PROJ.		Customer NO.	
				DIM TOL		2025/10/09				

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Packaging Quantity Refers To The Following Table

W/T CAP

PINS /Row	Q' ty/Tube	Q' ty/Inner Box	Q' ty/Box
4	120	24,000	48,000
5	120	24,000	48,000
6	113	22,600	45,200
7	98	19,600	39,200
8	86	17,200	34,400
9	77	15,400	30,800
10	69	13,800	27,600
11	63	12,600	25,200
12	58	11,600	23,200
13	54	10,800	21,600
14	50	10,000	20,000
15	47	9,400	18,800
16	44	8,800	17,600
17	41	8,200	16,400
18	39	7,800	15,600
19	37	7,400	14,800
20	35	7,000	14,000
21	33	6,600	13,200
22	32	6,400	12,800
23	31	6,200	12,400
24	29	5,800	11,600
25	28	5,600	11,200
26	27	5,400	10,800
27	26	5,200	10,400

W/T CAP

PINS /Row	Q' ty/Tube	Q' ty/Inner Box	Q' ty/Box
28	25	5,000	10,000
29	24	4,800	9,600
30	23	4,600	9,200
31	23	4,600	9,200
32	22	4,400	8,800
33	21	4,200	8,400
34	21	4,200	8,400
35	20	4,000	8,000
36	19	3,800	7,600
37	19	3,800	7,600
38	18	3,600	7,200
39	18	3,600	7,200
40	17	3,400	6,800
41	17	3,400	6,800
42	17	3,400	6,800
43	16	3,200	6,400
44	16	3,200	6,400
45	15	3,000	6,000
46	15	3,000	6,000
47	15	3,000	6,000
48	14	2,800	5,600
49	14	2,800	5,600
50	14	2,800	5,600

W/O CAP

PINS /Row	Q' ty/Tube	Q' ty/Inner Box	Q' ty/Box
4	165	33,000	66,000
5	134	26,800	53,600
6	113	22,600	45,200
7	98	19,600	39,200
8	86	17,200	34,400
9	77	15,400	30,800
10	69	13,800	27,600
11	63	12,600	25,200
12	58	11,600	23,200
13	54	10,800	21,600
14	50	10,000	20,000
15	47	9,400	18,800
16	44	8,800	17,600
17	41	8,200	16,400
18	39	7,800	15,600
19	37	7,400	14,800
20	35	7,000	14,000
21	33	6,600	13,200
22	32	6,400	12,800
23	31	6,200	12,400
24	29	5,800	11,600
25	28	5,600	11,200
26	27	5,400	10,800
27	26	5,200	10,400

W/O CAP

PINS /Row	Q' ty/Tube	Q' ty/Inner Box	Q' ty/Box
28	25	5,000	10,000
29	24	4,800	9,600
30	23	4,600	9,200
31	23	4,600	9,200
32	22	4,400	8,800
33	21	4,200	8,400
34	21	4,200	8,400
35	20	4,000	8,000
36	19	3,800	7,600
37	19	3,800	7,600
38	18	3,600	7,200
39	18	3,600	7,200
40	17	3,400	6,800
41	17	3,400	6,800
42	17	3,400	6,800
43	16	3,200	6,400
44	16	3,200	6,400
45	15	3,000	6,000
46	15	3,000	6,000
47	15	3,000	6,000
48	14	2,800	5,600
49	14	2,800	5,600
50	14	2,800	5,600

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A2	2023/01/31	Add Flatness	----	x.XX ±0.25	CHECK	DATE	SIZE	A4	TITLE:
A0	2012/02/28	NEW	----	x.XXX ±0.15	TANG	2025/10/09	SHEET	3/4	0.80*1.20 Pin Header, DUAL ROW,SMT,H=1.4
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3'	APPROVE Steven Zhao	DATE	PROJ.		Customer NO.
				DIM TOL		2025/10/09			

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Packaging Quantity Refers To The Following Table

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

PINS /Row	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
27	44	800	1,600	4,800
28	44	800	1,600	4,800
29	44	800	1,600	4,800
30	44	800	1,600	4,800
31	44	800	1,600	4,800
32	44	800	1,600	4,800
33	44	800	1,600	4,800
34	44	800	1,600	4,800
35	44	800	1,600	4,800
36	44	800	1,600	4,800
37	44	800	1,600	4,800
38	44	800	1,600	4,800
39	56	800	800	2,400
40	56	800	800	2,400
41	56	800	800	2,400
42	56	800	800	2,400
43	56	800	800	2,400
44	56	800	800	2,400
45	56	800	800	2,400
46	56	800	800	2,400
47	56	800	800	2,400
48	56	800	800	2,400
49	56	800	800	2,400
50	56	800	800	2,400

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