

HSF

NOTES:

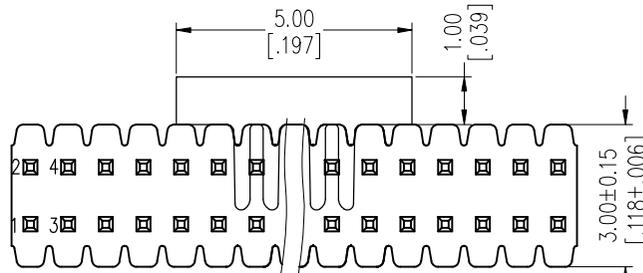
- Rated Current: 1.0AMP.(20°C,2*2P-2*15P)
- 0.75AMP.(20°C,2*16P-2*50P) \triangle_{B0}
- Contact Resistance: 30mΩ Max.
- Withstand Voltage: 500V AC/DC
- Insulation Resistance: 1000MΩ Min.
- Operation Temperature: -40°C to +125°C(Gold Plating)
- 40°C to +105°C(Tin Plating) \triangle_{B0}
- Contact Material: Copper Alloy
- Contact Plating: Au or Sn Over 30u" Min Ni
- Insulator Material: LCP+G.F UL94V-0 BK(std) \triangle_{A5}

Ordering Information

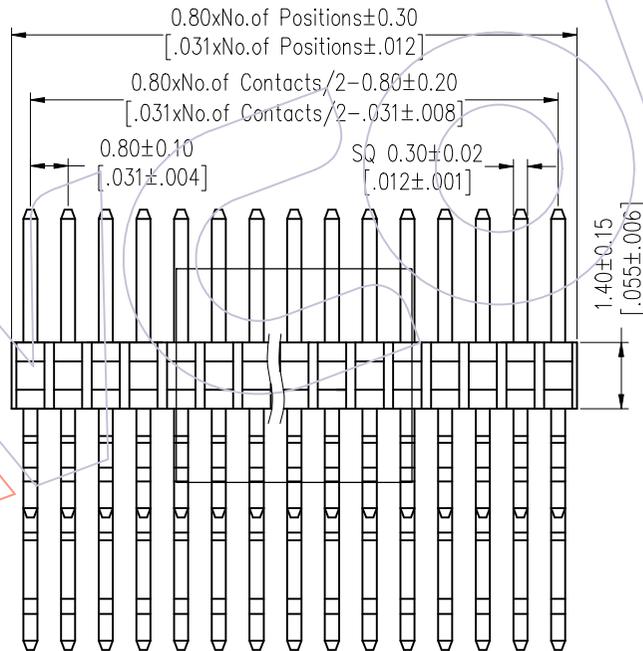
1614-1 2 XX XX Z XXX X R XX \triangle_{B0}

- 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 D=LCP(Standard)
- Pin Length L(See Table)
- Type: Z=R/A SMT

Item	Pin Length Short/Long	A1	A	B	Mating
Standard	6.8/10.2	2.29	5.08	2.8	2631 \triangle_{B0}
Alternate	7.0/10.4	2.29	5.08	3.0	

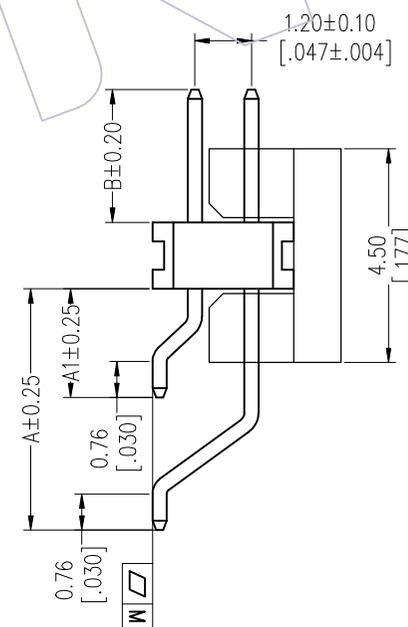
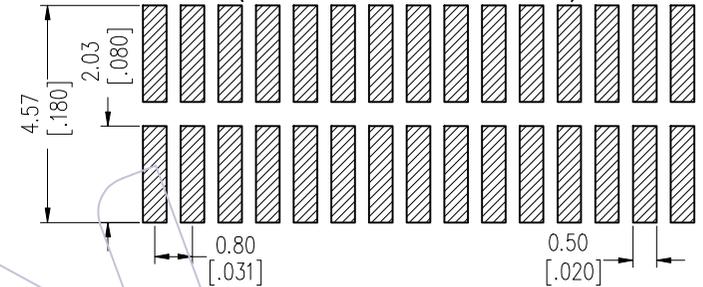


Odd Numbers



Dual Numbers

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



PIN	2-15P	16-25P	26-50P
	M	0.12	0.20

REV	DATE	MODIFICATION DESCRIPTION	CHANGE	CP	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.	TITLE:
B0	2025/10/10	Standardization Drawing		CP	OPERATION	DRAW	2025/10/10	SCALE	Fit	1614-12XXXXZXXXXRX \triangle_{A2}	0.80*1.20 Pin Header, DUAL ROW, R/A&SMT, H=1.4
A5	2024/06/20	MODIFY		BAO	x.X ± 0.40	CP	2025/10/10	UNIT	mm [inch]		
A4	2018/09/07	MODIFY		Du Ying	x.XX ± 0.25	CHECK	2025/10/10	SIZE	A4		
A0	2012/02/28	NEW		-----	x.XXX ± 0.15	TANG	2025/10/10	SHEET	1/2		
					Angle ± 3°	APPROVE	2025/10/10				
					DIM TOL	Steven Zhao		PROJ.			Customer NO.

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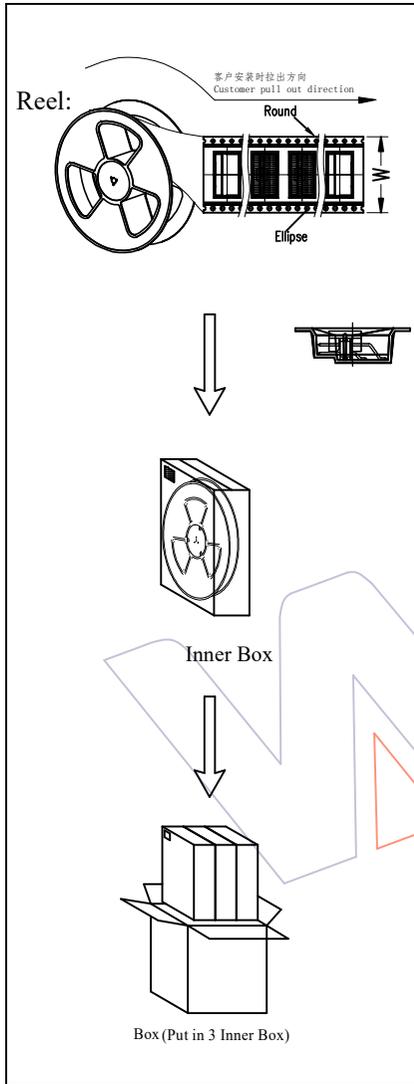
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Packing:



Packaging Quantity Refers To The Following Table

PINS /Row	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
2	16	900	3,600	10,800
3	16	900	3,600	10,800
4	16	900	3,600	10,800
5	16	900	3,600	10,800
6	16	900	3,600	10,800
7	16	900	3,600	10,800
8	16	900	3,600	10,800
9	16	900	3,600	10,800
10	16 (L=7.0)	900	3,600	10,800
10	24 (L=6.8)	1100	1,100	6,600
11	24	900	2,700	8,100
12	24	900	2,700	8,100
13	24	900	2,700	8,100
14	24	900	2,700	8,100
15	24	900	2,700	8,100
16	24	900	2,700	8,100
17	24	900	2,700	8,100
18	24	900	2,700	8,100
19	24	900	2,700	8,100
20	24	900	2,700	8,100
21	32	900	1,800	5,400
22	32	900	1,800	5,400
23	32	900	1,800	5,400
24	32	900	1,800	5,400
25	32	900	1,800	5,400

PINS /Row	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
26	32	900	1,800	5,400
27	44	900	1,800	5,400
28	44	900	1,800	5,400
29	44	900	1,800	5,400
30	44	900	1,800	5,400
31	44	900	1,800	5,400
32	44	900	1,800	5,400
33	44	900	1,800	5,400
34	44	900	1,800	5,400
35	44	900	1,800	5,400
36	44	900	1,800	5,400
37	44	900	1,800	5,400
38	44	900	1,800	5,400
39	44	900	1,800	5,400
40	44	900	1,800	5,400
41	44	900	1,800	5,400
42	56	900	900	2,700
43	56	900	900	2,700
44	56	900	900	2,700
45	56	900	900	2,700
46	56	900	900	2,700
47	56	900	900	2,700
48	56	900	900	2,700
49	56	900	900	2,700
50	56	900	900	2,700

B0	2025/10/10	Standardization Drawing	CP	OPERATION		DRAW	DATE	SCALE	Fit	PART NO.
A5	2024/06/20	MODIFY	BAO	x.X	±0.40	CP	2025/10/10	UNIT	mm [inch]	1614-12XXXXZXXXXRX Δ 2
A4	2018/09/07	MODIFY	Du Ying	x.xx	±0.25	CHECK	DATE	SIZE	A4	TITLE:
A0	2012/02/28	NEW	-----	x.xxx	±0.15	TANG	2025/10/10	SHEET	2/2	0.80*1.20 Pin Header, DUAL ROW, R/A&SMT, H=1.4
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle	± 3'	APPROVE	DATE	PROJ.	ϕ \leftarrow	Customer NO.
				DIM	TOL	Steven Zhao	2025/10/10			



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