

HSF

NOTES:

Rated Current:5.0AMP.(20°C,3*2P-3*10P)

3.0AMP.(20°C,3*11P-3*40P)



Contact Resistance:20mΩ Max.

Withstand Voltage:1000V AC/DC

Insulation Resistance:1000MΩ Min.



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

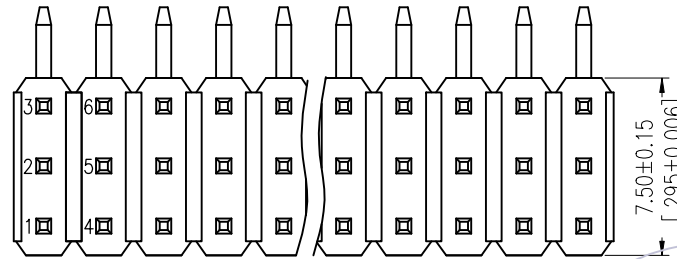
-40°C to +105°C(Tin Plating)

Contact Material:Copper Alloy

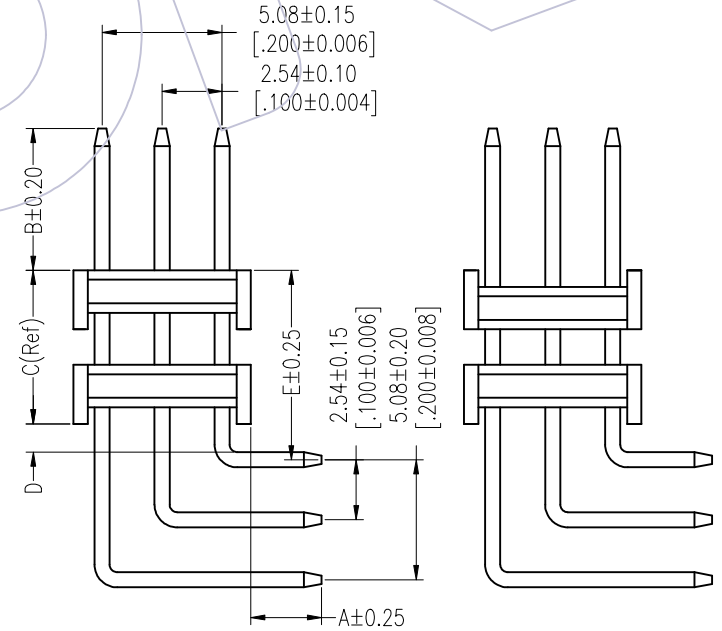
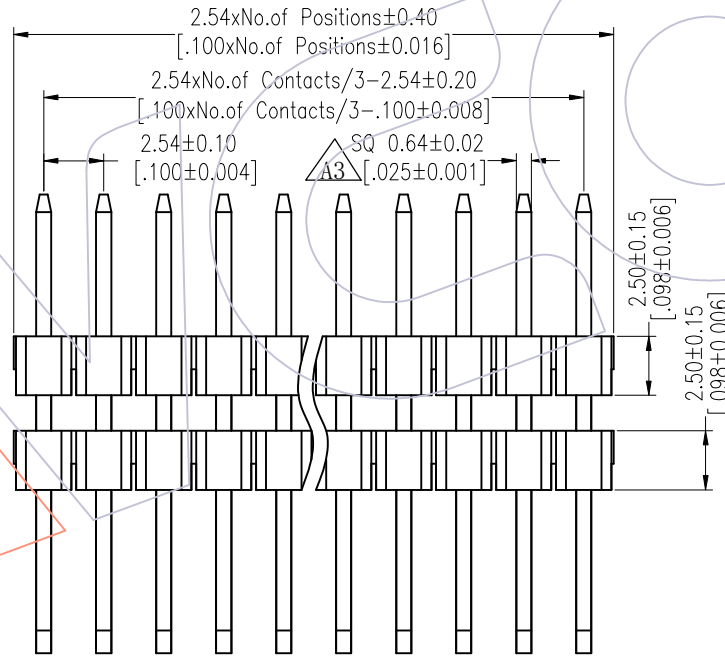
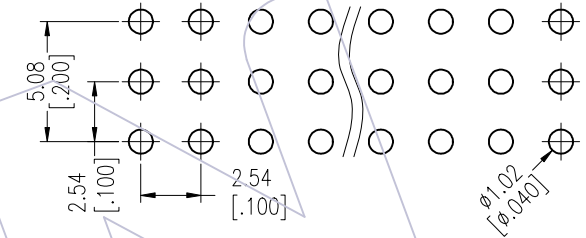
Contact Plating:Au or Sn Over 30u" Min Ni



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

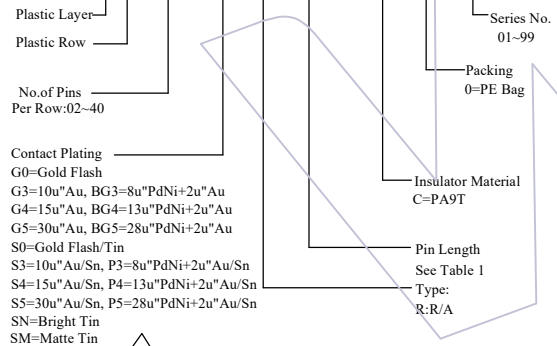


Recommended P.C.B Layout (Top Side)
(PCB BOARD TOLERANCE±0.05)
(PCB Thickness:T=1.60mm)



Ordering Information

1125- 2 3 XX XX R XXX C 0 XX



A3	2025/07/11	Standardization Drawing	CP	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.
A2	2018/01/22	Modify P/N	Ruipeng	x.X ±0.40	CP	2025/07/11	UNIT	mm	1125-23XXXXRXXXCOXX
A1	2013/02/28	Modify Drawing	William Chen	x.XX ±0.25	CHECK	DATE	SIZE	A4	TITLE:
A0	2012/06/16	NEW	William Chen	x.XXX ±0.15	TANG	2025/07/11	SHEET	1/3	PH2.54 THREE ROW DOUBLE PLASTIC 90°H=2.5 CONCAVE BENDING
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3'	APPROVE	DATE	PROJ.		Customer NO.
				DIM TOL	Steven Zhao	2025/07/11			

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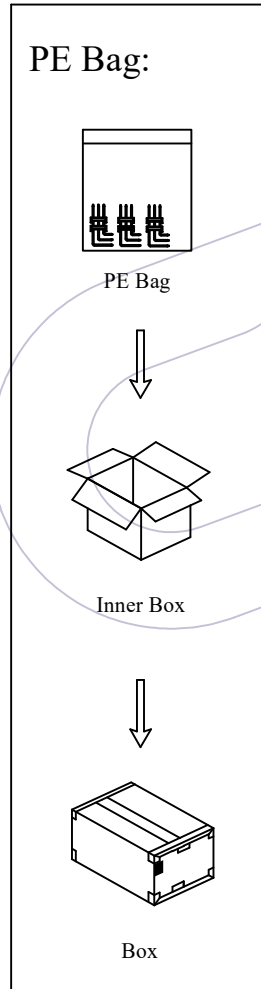
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Table 1

Item	L Short/Middle/Long	E	C	D	A	B	Mating
Standard	16.3/21.3/26.3	8.72	7.7	0.7	3.0	3.5	2135/2150T/2157
	16.8/21.8/26.8					4.0	2145/2150
	17.8/22.8/27.8					5.0	2168T/2171T
	18.5/23.6/28.5					5.84	2171/2185X
	20.5/25.7/30.8	13.22	12.2	0.7		3.5	2135/2150T/2157
	21.2/26.2/31.2					4.0	2145/2150
	22.2/27.3/32.3					5.0	2168T/2171T
	23.0/28.0/33.2					5.84	2171/2185X
	19.2/24.3/29.5	11.81	10.54	0.95		3.5	2135/2150T/2157
	19.8/24.8/29.8					4.0	2145/2150
	20.8/25.8/30.8					5.0	2168T/2171T
	21.5/26.7/31.8					5.84	2171/2185X
	24.8/29.8/35.0	17.4	15.88	1.2		3.5	2135/2150T/2157
	25.3/30.5/35.5					4.0	2145/2150
26.5/31.5/36.5	5.0				2168T/2171T		
27.0/32.2/37.3	5.84				2171/2185X		
Standard	15.3/20.3/24.3	8.72	7.7	0.7	2.0 (THR)	3.5	2135/2150T/2157
	15.8/20.8/24.8					4.0	2145/2150
	16.8/21.8/25.8					5.0	2168T/2171T
	17.5/22.7/26.5					5.84	2171/2185X
	19.5/24.8/29.8	13.22	12.2	0.7		3.5	2135/2150T/2157
	20.3/25.2/30.2					4.0	2145/2150
	21.2/26.2/31.2					5.0	2168T/2171T
	22.0/27.0/32.2					5.84	2171/2185X
	18.2/23.2/28.5	11.81	10.54	0.95		3.5	2135/2150T/2157
	18.8/23.8/28.8					4.0	2145/2150
	19.8/24.8/29.8					5.0	2168T/2171T
	20.5/25.7/30.8					5.84	2171/2185X
	23.8/28.8/34.0	17.4	15.88	1.2		3.5	2135/2150T/2157
	24.3/29.5/34.5					4.0	2145/2150
25.5/30.5/35.5	5.0				2168T/2171T		
26.0/31.2/36.3	5.84				2171/2185X		
Alternate							

Packing:



Packaging Quantity Refers To The Following Table

PINS /Row	Q'ty/Bag (10.0 < L ≤ 16.0)	PINS /Row	Q'ty/Bag (10.0 < L ≤ 16.0)
1	1,000	21	100
2	500	22	100
3	500	23	100
4	500	24	100
5	500	25	100
6	300	26	100
7	200	27	100
8	250	28	100
9	200	29	100
10	200	30	100
11	200	31	100
12	200	32	100
13	150	33	50
14	150	34	50
15	150	35	50
16	150	36	50
17	150	37	50
18	150	38	50
19	100	39	50
20	100	40	50

REV	DATE	MODIFICATION DESCRIPTION	CHANGE	DIM	TOL	OPERATION	DATE	SCALE	Fit	PART NO.	TITLE:	Customer NO.
A3	2025/07/11	Standardization Drawing	CP	x.X	±0.40	DRAW	2025/07/11	UNIT	mm	1125-23XXXXRXXXCOXX	PH2.54 THREE ROW DOUBLE PLASTIC 90°H=2.5 CONCAVE BENDING	
A2	2018/01/22	Modify P/N	Ruipeng	x.xx	±0.25	CHECK	2025/07/11	SIZE	A4			
A1	2013/02/28	Modify Drawing	William Chen	x.xxx	±0.15	TANG	2025/07/11	SHEET	2/3			
A0	2012/06/16	NEW	William Chen	Angle	± 3'	APPROVE	2025/07/11	PROJ.	⊕ ⊞ ⊞			
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	DIM	TOL	OPERATION	DATE	SCALE	Fit	PART NO.	TITLE:	Customer NO.



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Packaging Quantity Refers To The Following Table

PINS /Row	Q'ty/Bag (16.0 < L ≤ 22.8)	PINS /Row	Q'ty/Bag (16.0 < L ≤ 22.8)	PINS /Row	Q'ty/Bag (23.0 < L ≤ 27.0)	PINS /Row	Q'ty/Bag (23.0 < L ≤ 27.0)
2	500	22	50	2	400	22	50
3	300	23	50	3	300	23	30
4	200	24	50	4	200	24	30
5	200	25	50	5	200	25	30
6	150	26	30	6	100	26	30
7	150	27	30	7	100	27	30
8	100	28	30	8	100	28	30
9	100	29	30	9	100	29	30
10	100	30	30	10	100	30	30
11	100	31	30	11	80	31	30
12	80	32	30	12	80	32	30
13	80	33	30	13	80	33	30
14	80	34	30	14	50	34	30
15	80	35	30	15	50	35	30
16	50	36	30	16	50	36	30
17	50	37	30	17	50	37	30
18	50	38	30	18	50	38	30
19	50	39	30	19	50	39	30
20	50	40	30	20	50	40	30
21	50			21	50		

A3	2025/07/11	Standardization Drawing	CP	OPERATION	DRAW	DATE	SCALE	Fit	PART NO. 1125-23XXXXRXXXCOXX
A2	2018/01/22	Modify P/N	Ruipeng	x.X ±0.40	CP	2025/07/11	UNIT	mm	TITLE:
A1	2013/02/28	Modify Drawing	William Chen	x.xx ±0.25	CHECK	DATE	SIZE	A4	PH2.54 THREE ROW DOUBLE PLASTIC 90°H=2.5 CONCAVE BENDING
A0	2012/06/16	NEW	William Chen	x.xxx ±0.15	TANG	DATE	SHEET	3/3	Customer NO.
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3'	APPROVE	DATE	PROJ.	⊕	
				DIM TOL	Steven Zhao	2025/07/11			

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