

HSF

NOTES:

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

3.0AMP.(20°C, 2*11P-2*40P) A3

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) A3

Contact Material: Copper Alloy A3

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

Insulator Material: PA9T+G.F UL94V-0 BK A2

Ordering Information

1125- 2 2 XX XX R XXX C X XX

Plastic Layer A3 Series No. 01-99

Plastic Row Packing 0=PE Bag

No. of Pins Per Row: 02-40

Insulator Material C=PA9T

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

S0=Gold Flash/Tin

S3=10u"Au/Sn, P3=8u"PdNi+2u"Au/Sn

S4=15u"Au/Sn, P4=13u"PdNi+2u"Au/Sn

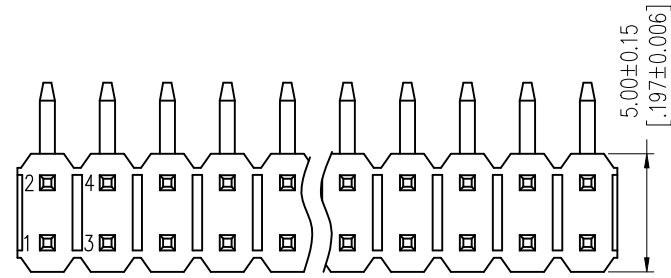
S5=30u"Au/Sn, P5=28u"PdNi+2u"Au/Sn

SN=Bright Tin

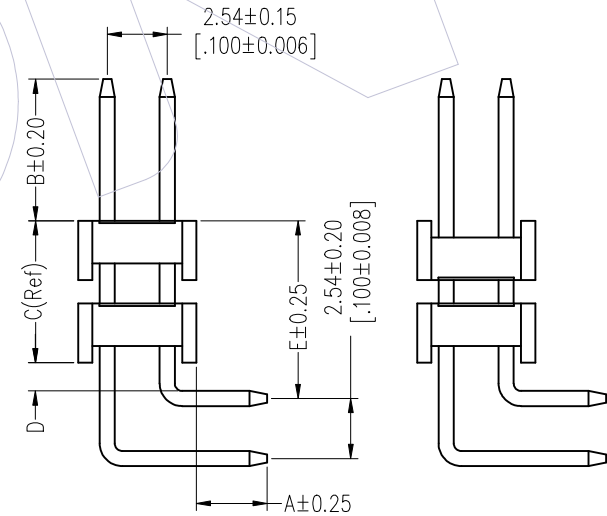
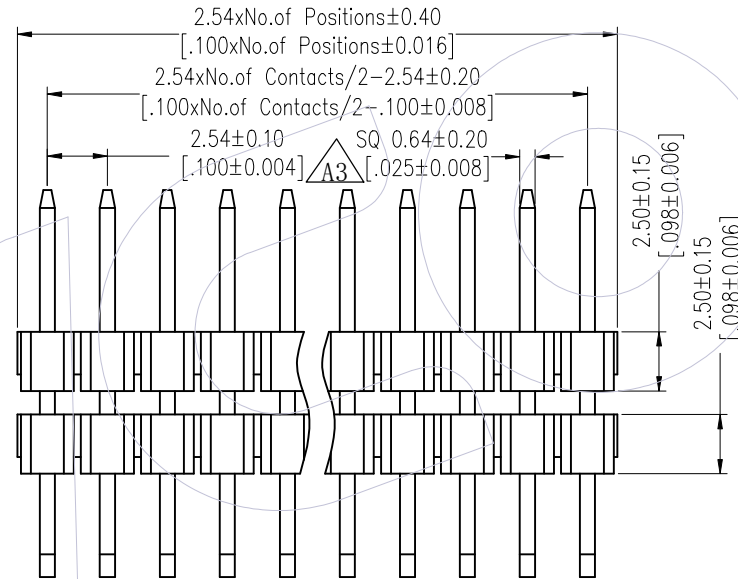
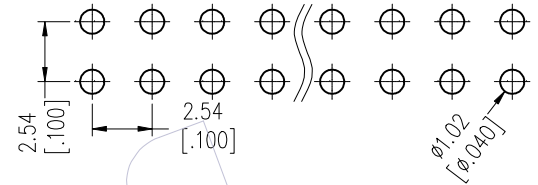
SM=Matte Tin A3

Pin Length See Table 1

Type: R/R/A



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



TYPE 1

TYPE 2

A3	2025/05/28	Standardization Drawing	CP	OPERATION	DRAW	DATE	SCALE	Fit	PART NO. 1125-22XXXXXXXCOXX A1 A2
A2	2018/06/02	Cancel PBT & Modify P/N	XSR	x.X ±0.40	CP	2025/05/28	UNIT	mm	
A1	2018/01/22	Modify P/N	Ruipeng	x.XX ±0.25	CHECK	DATE	SIZE	A4	TITLE: PH2.54 DUAL ROW DOUBLE PLASTIC 90°CONCAVE BENDING H=2.5
A0	2012/05/28	NEW	William Chen	x.XXX ±0.15	TANG	2025/05/28	SHEET	1/2	
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3°	APPROVE	DATE	PROJ.	Customer NO.	
				DIM TOL	Steven Zhao	2025/05/28			

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HSF

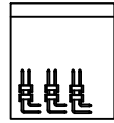
Packing:

Packaging Quantity Refers To The Following Table

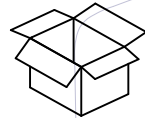
Table 1

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

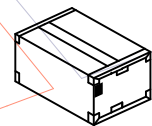
PE Bag:



PE Bag



Inner Box



Box

PINS /Row	Q'ty/Bag (10.0 < L ≤ 16.0)	PINS /Row	Q'ty/Bag (10.0 < L ≤ 16.0)	PINS /Row	Q'ty/Bag (L > 16.0)	PINS /Row	Q'ty/Bag (L > 16.0)
1	1000	21	100	1	1000	21	100
2	1,000	22	100	2	500	22	100
3	1,000	23	100	3	1,000	23	100
4	500	24	100	4	500	24	100
5	500	25	100	5	200	25	100
6	500	26	100	6	300	26	50
7	300	27	100	7	300	27	50
8	300	28	100	8	300	28	50
9	200	29	100	9	100	29	50
10	200	30	50	10	200	30	50
11	200	31	50	11	200	31	50
12	200	32	50	12	150	32	50
13	200	33	50	13	200	33	50
14	200	34	50	14	200	34	50
15	200	35	50	15	200	35	50
16	200	36	50	16	100	36	50
17	200	37	50	17	100	37	50
18	200	38	50	18	100	38	50
19	200	39	50	19	100	39	50
20	100	40	50	20	100	40	50

A3	2025/05/28	Standardization Drawing	CP	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.
A2	2018/06/02	Cancel PBT & Modify P/N	XSR	x.X ±0.40	CP	2025/05/28	UNIT	mm	1125-22XXXXRXXXCOXX
A1	2018/01/22	Modify P/N	Ruipeng	x.XX ±0.25	CHECK	DATE	SIZE	A4	TITLE:
A0	2012/05/28	NEW	William Chen	x.XXX ±0.15	TANG	2025/05/28	SHEET	2/2	PH2.54 DUAL ROW DOUBLE PLASTIC 90°CONCAVE BENDING H=2.5
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				DIM TOL	Steven Zhao	2025/05/28			

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