

HSF

NOTES:

Rated Current: 5.0AMP.(20°C,2*2P-2*15P)

3.0AMP.(20°C,2*16P-2*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

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

Ordering Information

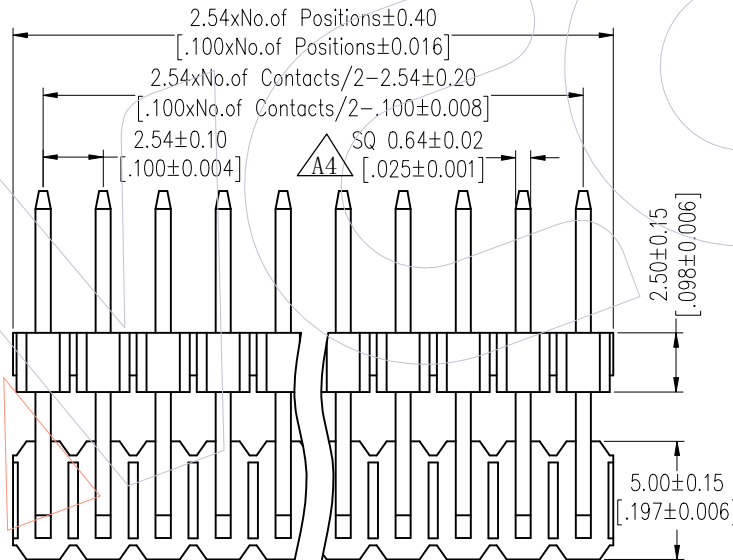
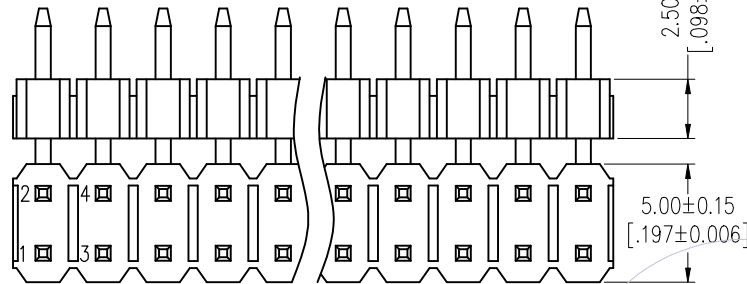
1125-2 2 XX XX R XXX C X XX

Plastic Layer
Plastic Row
No. of Pins
Per Row: 02-40

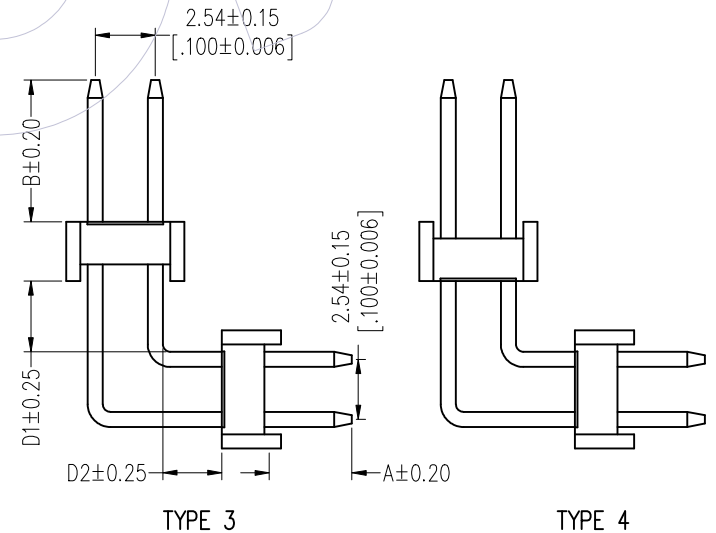
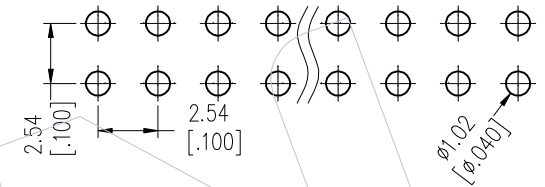
Contact Plating
G0=Gold Flash
G3=10u"Au, BG3=8u"PdNi+2u"Au
G4=15u"Au, BG4=13u"PdNi+2u"Au
G5=30u"Au, BG5=28u"PdNi+2u"Au
S0=Gold Flash/Tin
S3=10u"Au/Sn, P3=8u"PdNi+2u"Au/Sn
S4=15u"Au/Sn, P4=13u"PdNi+2u"Au/Sn
S5=30u"Au/Sn, P5=28u"PdNi+2u"Au/Sn
SN=Bright Tin
SM=Matte Tin

Series No.
01-99
Packing
0=PE Bag
Insulator Material
C=PA9T
Pin Length
Type:
R:R/A

Item	L Short/Long	A	B	D1	D2	Mating
Standard	17.3/22.5	3.00	3.5	3.0	2.5	2135/2150T/2157
	17.8/22.8		4.0			2145/2150
	18.8/23.8		5.0			2168T/2171T
	19.8/24.8		5.84			2171/2185X
Standard	16.3/21.5	2.0 THR	3.5	3.0	2.5	2135/2150T/2157
	16.8/21.8		4.0			2145/2150
	17.8/22.8		5.0			2168T/2171T
	19.8/23.8		5.84			2171/2185X
Alternate						



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



REV	DATE	MODIFICATION DESCRIPTION	CHANGE	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.
A4	2025/05/28	Standardization Drawing	CP	OPERATION	DRAW	2025/05/28	UNIT	mm	1125-22XXXXRXXXCOXX
A3	2022/08/26	TYPE 1/2 → TYPE 3/4	XSR	x.X ±0.40	CP	2025/05/28	SIZE	A4	TITLE:
A2	2018/06/02	Cancel PBT & Modify P/N	Ruipeng	x.XX ±0.25	CHECK	2025/05/28	SHEET	1/2	PH2.54 DUAL ROW DOUBLE PLASTIC
A0	2012/05/28	NEW	William Chen	x.XXX ±0.15	TANG	2025/05/28	PROJ.	⊕	90° MIDDLE BENDING H=2.5
			William Chen	Angle ± 3°	APPROVE	2025/05/28			Customer NO.
				DIM TOL	Steven Zhao	2025/05/28			

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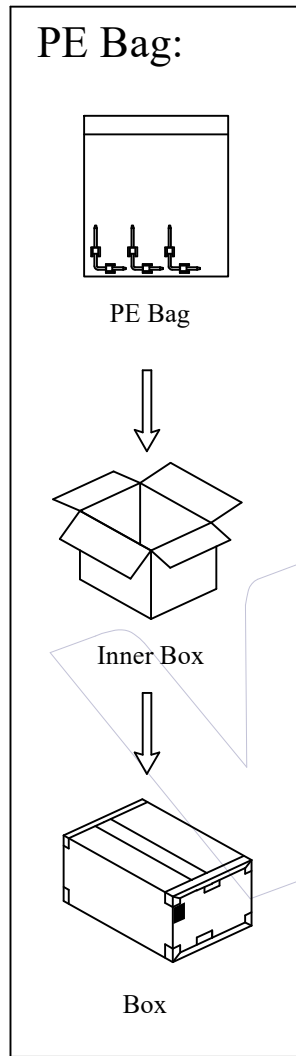
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HSF

Packing:

Packaging Quantity Refers To The Following Table



PINS	Q' ty/Bag (16.0<L≤19.0)	PINS	Q' ty/Bag (16.0<L≤19.0)
1	1,000	21	100
2	1,000	22	100
3	800	23	100
4	800	24	100
5	800	25	100
6	500	26	100
7	500	27	100
8	500	28	100
9	500	29	100
10	300	30	100
11	300	31	100
12	300	32	100
13	300	33	100
14	200	34	100
15	200	35	100
16	200	36	100
17	200	37	100
18	200	38	100
19	200	39	100
20	100	40	100

A3	2025/06/12	Standardization Drawing	CP	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.
A3	2025/03/18	Modify	DuYing	x.X ±0.40	CP	2025/06/12	UNIT	mm	1125-21XXXXRXXXCXXX $\triangle A_2$
A2	2018/06/02	Cancel PBT & Modify P/N	XSR	x.XX ±0.25	CHECK	DATE	SIZE	A4	TITLE:
A0	2012/05/17	NEW	William Chen	x.XXX ±0.15	TANG	2025/06/12	SHEET	2/2	PH2.54 SINGLE ROW DOUBLE PLASTIC 90° MIDDLE BENDING H=2.5
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3°	APPROVE	DATE	PROJ.		Customer NO.
				DIM TOL	Steven Zhao	2025/06/12			

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