

# HSF

**NOTES:**

Rated Current:5.0AMP.(20°C,3\*2P-3\*15P)

3.0AMP.(20°C,3\*16P-3\*40P)  $\Delta 3$

Contact Resistance:20m $\Omega$  Max.

Withstand Voltage:1000V AC/DC

Insulation Resistance:1000M $\Omega$  Min.

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

-40°C to +105°C(Tin Plating)  $\Delta 3$

Contact Material:Copper Alloy

Contact Plating:Au or Sn Over 30u" Min Ni  $\Delta 3$

Insulator Material:PA9T+G.F UL94V-0 BK  $\Delta 1$   $\Delta 3$

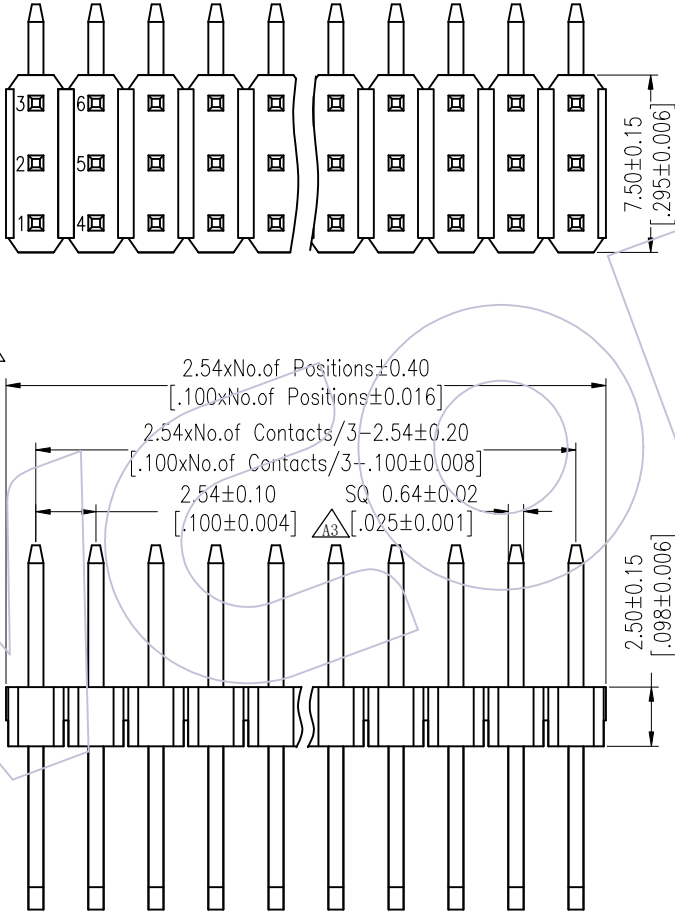
**1125-1 3 XX XX R XXX C X XX**  $\Delta 2$   $\Delta 3$

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

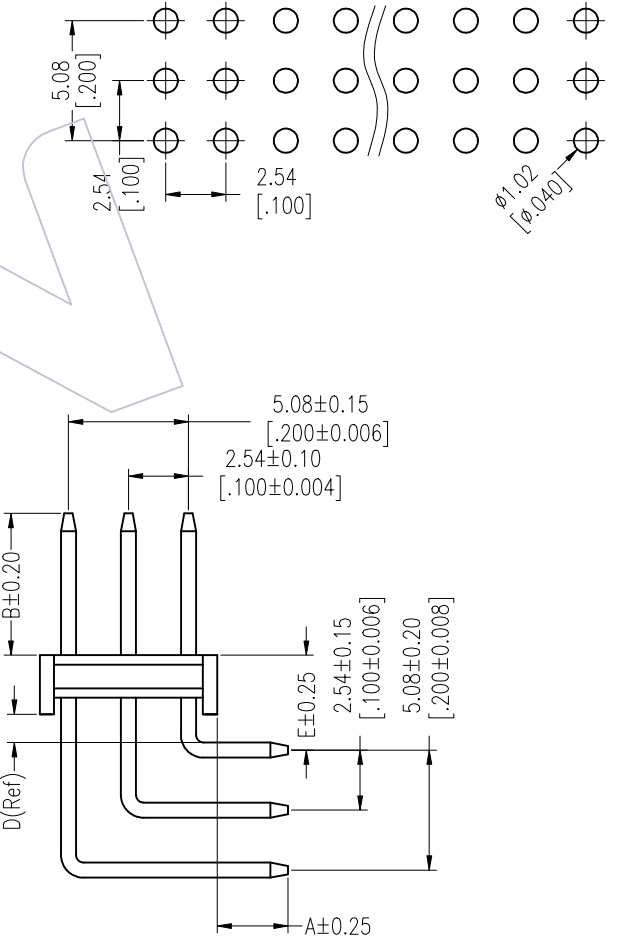
Series No.  
01-99  
Packing  
0=PE Bag

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

Insulator Material  
C=PA9T  
Pin Length  
L(See Table)  
Type:  
R:R/A



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



Item	Pin Length Short/Middle/Long	A	D	E	B	Mating
Standard	11.3/16.3/21.3	3.00	1.2	4.02	3.5	2135/2150T/2157
	11.8/16.8/21.8				4.0	2145/2150
	12.8/17.8/22.8				5.0	2168T/2171T
	13.5/18.5/23.5				5.84	2171/2185X
Standard	10.3/15.3/20.3	2.0 (THR)	1.2	4.02	3.5	2135/2150T/2157
	10.8/15.8/20.8				4.0	2145/2150
	11.8/16.8/21.8				5.0	2168T/2171T
	12.5/17.5/22.5				5.84	2171/2185X
Alternate						

A3	2025/06/03	Standardization Drawing	CP	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.
A2	2018/01/22	Modify P/N	Ruipeng	x.X ±0.40	CP	2025/06/03	UNIT	mm [inch]	1125-13XXXXXXXCOXX
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	2025/06/03	SHEET	1/2	PH2.54 THREE ROW 90° CONCAVE BENDING H=2.5
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3'	APPROVE	DATE	PROJ.		Customer NO.
				DIM TOL	Steven Zhao	2025/06/03			

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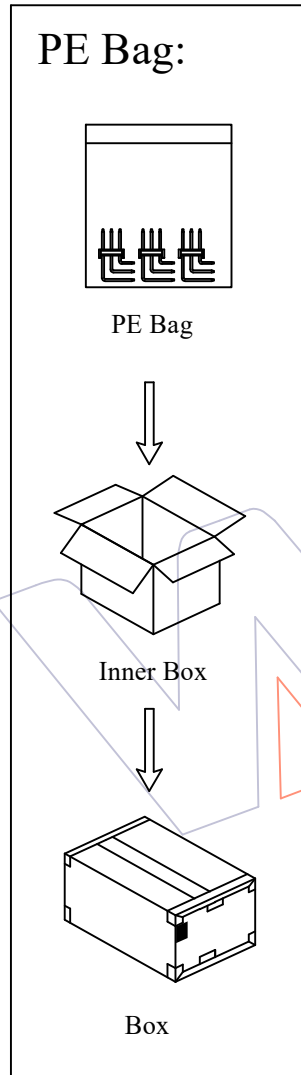
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**HSF**

**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)
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
21	100		

A3	2025/06/03	Standardization Drawing	CP	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.
A2	2018/01/22	Modify P/N	Ruipeng	x.X ±0.40	CP	2025/06/03	UNIT	mm [inch]	1125-13XXXXRXXCOXX
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	2025/06/03	SHEET	2/2	PH2.54 THREE ROW 90° CONCAVE BENDING H=2.5
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3'	APPROVE	DATE	PROJ.	⊕	Customer NO.
				DIM TOL	Steven Zhao	2025/06/03			

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