HSF

NOTES:
Rated Current:1.5AMP.(20℃,1*2P-1*15P) ⚠2
1.0AMP.(20℃,1*16P-1*50P) ⚠2
Contact Resistance: 20mΩ Max.
Withstand Voltage:500V AC/DC
Insulation Resistance:1000MΩ Min.
Operation Temperature:−40℃ to +125℃(Gold Plating)
−40℃ to +105℃(Tin Plating) ⚠2
Contact Material:Copper Alloy
Contact Plating:Au or Sn Over 30u" Min Ni
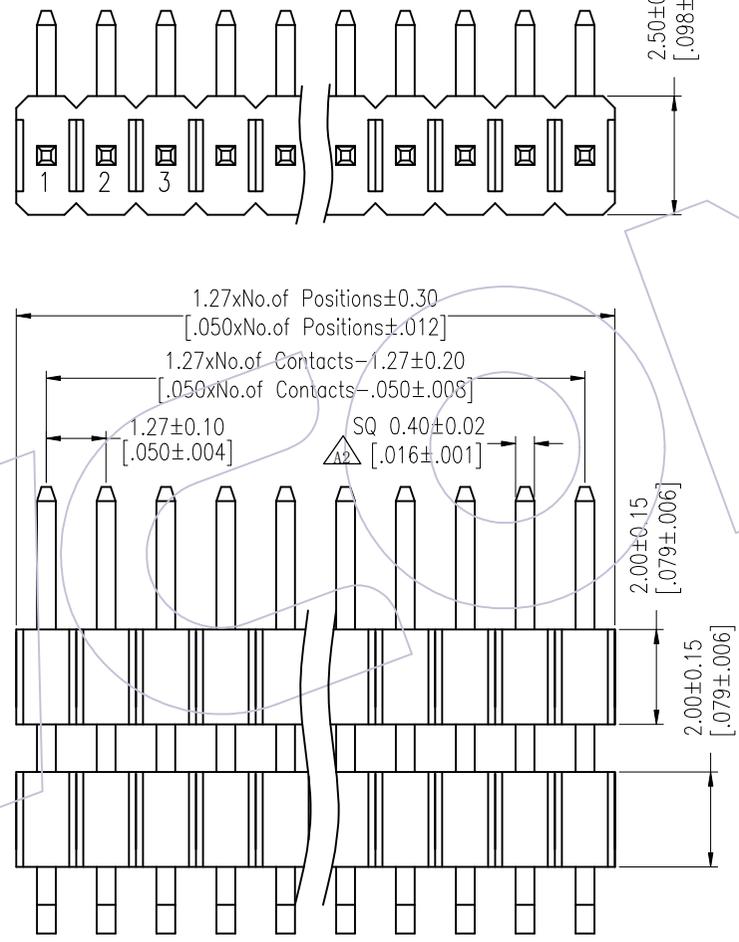Insulator Material:PA9T+G.F UL94V-0 BK ⚠2

Ordering Information
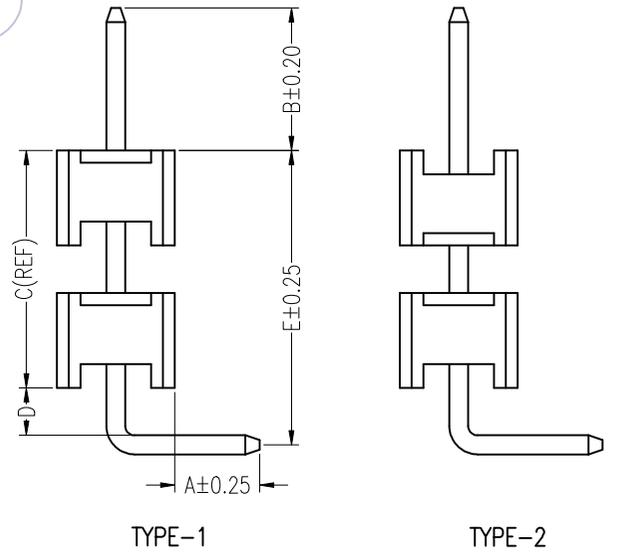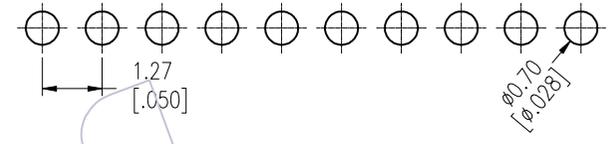
1320-2 1 XX XX R XXX C A XX

- 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
  - 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 ⚠2
  - SN=Bright Tin
  - SM=Matte Tin
- Type: R=R/A
- Pin Length L(See Table)
- Insulator Material C=PA9T(Standard)
- Packing A=Tray
- Series No. 01~99

Item	Pin Length	A	C	D	E	B	Mating	
Standard	12.3	3.00	5.0	1.0	6.2	2.0	2321/2320T	⚠2
	13.3					3.0	2334/2344/2346	
	13.8					3.5	2357	
	14.8					4.5	2345/2385	
Standard	11.3	2.0 (THR)	5.0	1.0	6.2	2.0	2321/2320T	
	12.3					3.0	2334/2344/2346	
	12.8					3.5	2357	
	13.8					4.5	2345/2385	
Alternate								

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

1.27 [.050]
⌀0.70 [⌀.028]

2.50±0.15 [.098±.006]

1.27xNo.of Positions±0.30 [.050xNo.of Positions±.012]
1.27xNo.of Contacts−1.27±0.20 [.050xNo.of Contacts−.050±.008]
1.27±0.10 [.050±.004]
SQ 0.40±0.02 ⚠2 [.016±.001]
2.00±0.15 [.079±.006]
2.00±0.15 [.079±.006]

TYPE-1
TYPE-2
B±0.20
E±0.25
C(REF)
D
A±0.25

HSF

Packing:

Tray:

Tray

Box

Packaging Quantity Refers To The Following Table

PINS	Q'ty/Tray (11.3≤L≤13.3)	Q'ty/Box	PINS	Q'ty/Tray (11.3≤L≤13.3)	Q'ty/Box	PINS	Q'ty/Tray (13.3<L≤14.8)	Q'ty/Box	PINS	Q'ty/Tray (13.3<L≤14.8)	Q'ty/Box
1	950	45,600	26	40	1,920	1	800	38,400	26	30	1,440
2	450	21,600	27	30	1,440	2	400	19,200	27	30	1,440
3	300	14,400	28	30	1,440	3	300	14,400	28	30	1,440
4	200	9,600	29	30	1,440	4	200	9,600	29	30	1,440
5	200	9,600	30	30	1,440	5	150	7,200	30	30	1,440
6	150	7,200	31	30	1,440	6	150	7,200	31	20	960
7	150	7,200	32	30	1,440	7	100	4,800	32	20	960
8	100	4,800	33	30	1,440	8	100	4,800	33	20	960
9	100	4,800	34	30	1,440	9	100	4,800	34	20	960
10	100	4,800	35	30	1,440	10	80	3,840	35	20	960
11	80	3,840	36	30	1,440	11	70	3,360	36	20	960
12	80	3,840	37	20	960	12	70	3,360	37	20	960
13	70	3,360	38	20	960	13	60	2,880	38	20	960
14	70	3,360	39	20	960	14	60	2,880	39	20	960
15	60	2,880	40	20	960	15	60	2,880	40	20	960
16	60	2,880	41	20	960	16	60	2,880	41	20	960
17	60	2,880	42	20	960	17	60	2,880	42	20	960
18	50	2,400	43	20	960	18	40	1,920	43	20	960
19	50	2,400	44	20	960	19	40	1,920	44	20	960
20	50	2,400	45	20	960	20	40	1,920	45	20	960
21	40	1,920	46	20	960	21	40	1,920	46	20	960
22	40	1,920	47	20	960	22	40	1,920	47	20	960
23	40	1,920	48	20	960	23	30	1,440	48	20	960
24	40	1,920	49	20	960	24	30	1,440	49	20	960
25	40	1,920	50	20	960	25	30	1,440	50	20	960

REV	DATE	MODIFICATION DESCRIPTION	CHANGE		
A2	2025/08/18	Standardization Drawing	CP		
A1	2018/01/17	MODIFY PART NO.	William Chen		
A0	2012/03/22	NEW	William Chen		

OPERATION		DRAW CP	DATE 2025/08/18
X.X	±0.40		
X.XX	±0.25	CHECK	DATE
X.XXX	±0.15	TANG	2025/08/18
Angle	± 3°	APPROVE Steven Zhao	DATE 2025/08/18
DIM	TOL	PROJ.	

SCALE Fit
UNIT mm [inch]
SIZE A4
SHEET 2/2

PART NO. 1320-21XXXXRXXXCXXX

TITLE: 1.27 Pin Header, SINGLE ROW, R/A, DOUBLE PLASTIC, CONCAVE BENDING, H=2.0
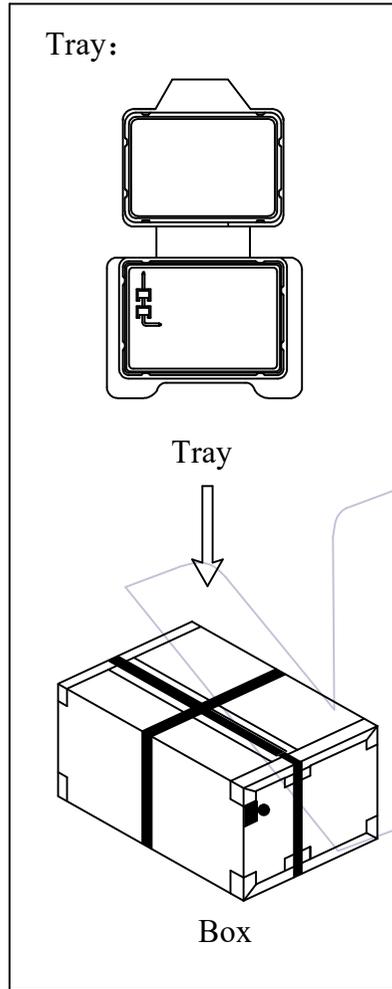Customer NO.

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