

# HSF

**NOTES:**

Rated Current:1.5AMP.(20°C,1\*2P-1\*15P)  
 1.0AMP.(20°C,1\*16P-1\*50P)  $\triangle A2$   
 Contact Resistance:20m $\Omega$  Max.  
 Withstand Voltage:500V AC/DC  
 Insulation Resistance:1000M $\Omega$  Min.  
 Operation Temperature:-40°C to +125°C(Gold Plating)  
 -40°C to +105°C(Tin Plating)  $\triangle A2$   
 Contact Material:Copper Alloy  
 Contact Plating:Au or Sn Over 30u" Min Ni  $\triangle A2$   
 Insulator Material:PA9T+G.F UL94V-0 BK  $\triangle A2$

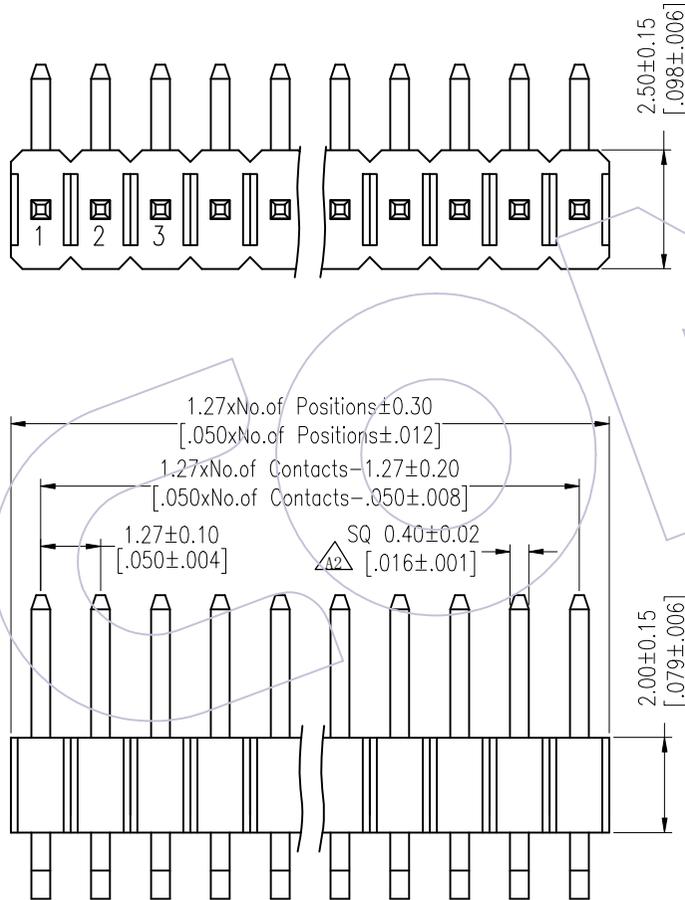
## Ordering Information

1320-1 1 XX XX R XXX C A XX

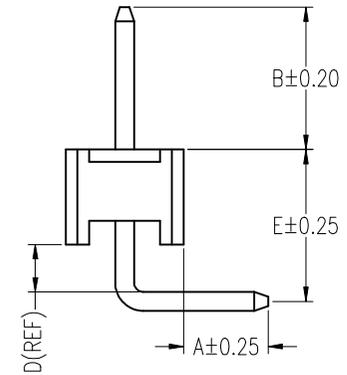
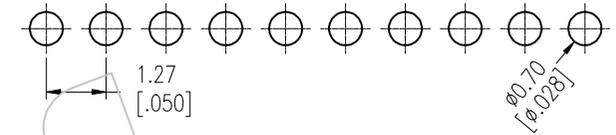
Plastic Layer  
 Plastic Row  
 No. of Pins  
 Per Row:02~50  
 Contact Plating  
 G0=Gold Flash  
 G3=10u"Au, BG3=8u"PdNi+2u"Au  
 G4=15u"Au, BG4=13u"PdNi+2u"Au  
 G5=30u"Au, BG5=28u"PdNi+2u"Au  
 S0=Gold Flash/Tin  
 S3=10u"Au/Sn, P3=8u"PdNi+2u"Au/Sn  
 S4=15u"Au/Sn, P4=13u"PdNi+2u"Au/Sn  
 S5=30u"Au/Sn, P5=28u"PdNi+2u"Au/Sn  $\triangle A2$   
 SN=Bright Tin  
 SM=Matte Tin

Series No.  
 01-99  
 Packing  
 A=Tray  
 Insulator Material  
 C=PA9T(Standard)  
 Pin Length  
 L(See Table)  
 Type:  
 R=R/A

Item	Pin Length	A	D	E	B	Mating
Standard	9.0	3.00	1.0	3.2	2.0	2321/2320T
	10.0				3.0	2334/2344/2345
	10.5				3.5	2357
	11.5				4.5	2345/2385
Standard	8.0	2.0 (THR)	1.0	3.2	2.0	2321/2320T
	9.0				3.0	2334/2344/2346
	9.5				3.5	2357
	10.5				4.5	2345/2385
Alternate						



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



REV	DATE	MODIFICATION DESCRIPTION	CHANGE	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.
A2	2025/08/15	Standardization Drawing	CP	x.X ±0.40	CP	2025/08/15	UNIT	mm [inch]	1320-11XXXXRXXXCXXX $\triangle A2$
A1	2018/01/17	MODIFY PART NO.	William Chen	x.XX ±0.25	CHECK	DATE	SIZE	A4	TITLE:
AO	2012/03/22	NEW	William Chen	x.XXX ±0.15	TANG	2025/08/15	SHEET	1/2	1.27 Pin Header, SINGLE ROW, R/A, CONCAVE BENDING, H=2.0
				Angle ± 3'	APPROVE	DATE	PROJ.		Customer NO.
				DIM TOL	Steven Zhao	2025/08/15			

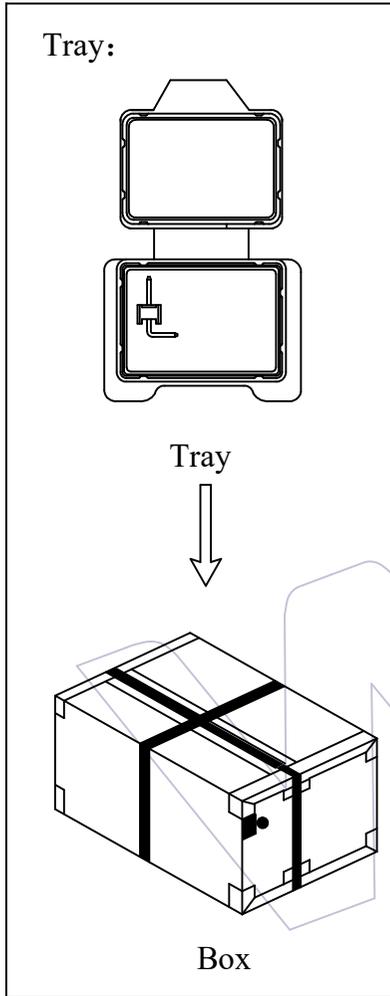
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Packing:



Packaging Quantity Refers To The Following Table

PINS	Q' ty/Tray (L≤9.5)	Q' ty/Box
1	2,000	96,000
2	2,000	96,000
3	2,000	96,000
4	1,000	48,000
5	800	38,400
6	1,000	48,000
7	800	38,400
8	800	38,400
9	800	38,400
10	800	38,400
11	800	38,400
12	500	24,000
13	500	24,000
14	500	24,000
15	500	24,000
16	500	24,000
17	300	14,400
18	300	14,400
19	300	14,400
20	300	14,400
21	300	14,400
22	200	9,600
23	200	9,600
24	200	9,600
25	200	9,600

PINS	Q' ty/Tray (L≤9.5)	Q' ty/Box
26	200	9,600
27	200	9,600
28	200	9,600
29	200	9,600
30	200	9,600
31	150	7,200
32	150	7,200
33	150	7,200
34	150	7,200
35	150	7,200
36	150	7,200
37	150	7,200
38	150	7,200
39	150	7,200
40	150	7,200
41	40	1,920
42	40	1,920
43	40	1,920
44	40	1,920
45	30	1,440
46	30	1,440
47	30	1,440
48	30	1,440
49	30	1,440
50	30	1,440

PINS	Q' ty/Tray (9.5<L≤11.5)	Q' ty/Box
1	2,000	96,000
2	1,500	72,000
3	1,000	48,000
4	800	38,400
5	800	38,400
6	800	38,400
7	500	24,000
8	500	24,000
9	500	24,000
10	400	19,200
11	400	19,200
12	300	14,400
13	300	14,400
14	300	14,400
15	300	14,400
16	250	12,000
17	250	12,000
18	200	9,600
19	200	9,600
20	200	9,600
21	200	9,600
22	200	9,600
23	200	9,600
24	200	9,600
25	200	9,600

PINS	Q' ty/Tray (9.5<L≤11.5)	Q' ty/Box
26	150	7,200
27	150	7,200
28	150	7,200
29	150	7,200
30	150	7,200
31	150	7,200
32	150	7,200
33	150	7,200
34	150	7,200
35	150	7,200
36	100	4,800
37	100	4,800
38	100	4,800
39	100	4,800
40	100	4,800
41	30	1,440
42	30	1,440
43	30	1,440
44	30	1,440
45	30	1,440
46	30	1,440
47	30	1,440
48	30	1,440
49	30	1,440
50	30	1,440

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