

HSF

NOTES:

- Rated Current: 3.0AMP.(20°C, 2*2P-2*15P)
2.0AMP.(20°C, 2*16P-2*40P) $\triangle A3$
- Contact Resistance: 20mΩ Max.
- Withstand Voltage: 500V AC/DC
- Insulation Resistance: 1000MΩ Min. $\triangle A3$
- 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 Ni $\triangle A3$
- Insulator Material: PA9T+G.F UL94V-0 BK $\triangle A3$

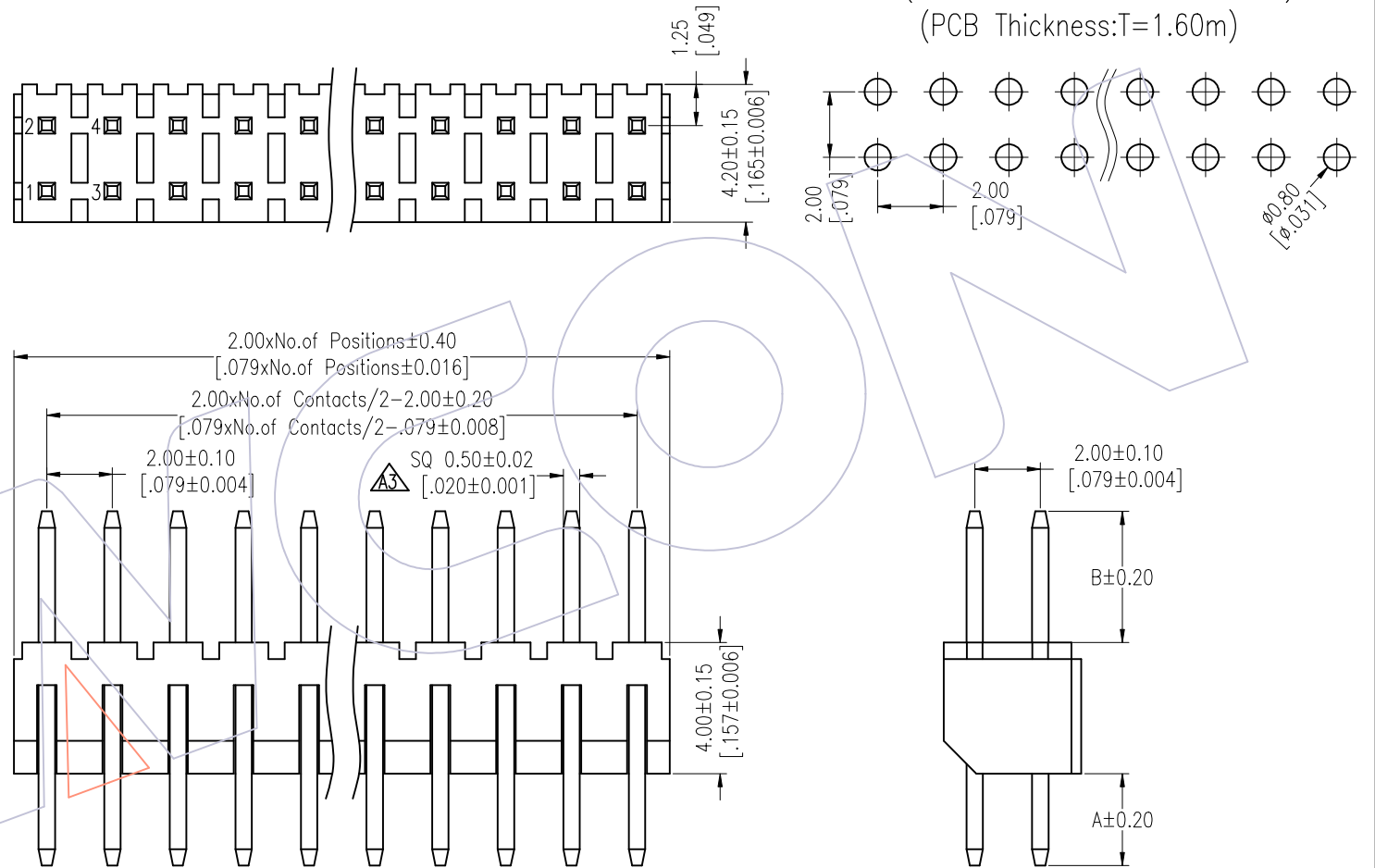
Ordering Information

1240 -1 2 XX XX S XXX C 0 XX $\triangle A3$

- Plastic Layer
- Plastic Row
- No. of Pins Per Row: 02-40
- Series No. 01-99
- Packing 0=PE Bag T=Tube
- Insulator Material C=PA9T
- Pin Length L(See Table)
- Type: S,S/T
- 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

Item	Pin Length	A	B	Mating
Standard	9.3	2.80	2.5	2220T/2221/2228
	9.8		3.0	2227T/2228T/2245
	10.3		3.5	2235/2240N/2243C
	10.8		4.0	2240/2243/2245T/2263/2272
Standard	8.5	2.0 (TH)	2.5	2220T/2221/2228
	9.0		3.0	2227T/2228T/2245
	9.5		3.5	2235/2240N/2243C
	10.0		4.0	2240/2243/2245T/2263/2272
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.
A2	2025/12/24	Standardization Drawing	CP	x.X ±0.40	CP	2025/12/24	UNIT	mm	1240-12XXXXXXC0XX $\triangle A3$
A1	2018/01/19	Modify P/N	Liu	x.XX ±0.25	CHECK	DATE	SIZE	A4	TITLE:
A0	2012/04/26	NEW	William Chen	x.XXX ±0.15	TANG	2025/12/24	SHEET	1/2	PH2.00 DUAL ROW 180° H=4.0
				Angle ± 3'	APPROVE	DATE	PROJ.		Customer NO.
				DIM TOL	Steven Zhao	2025/12/24			

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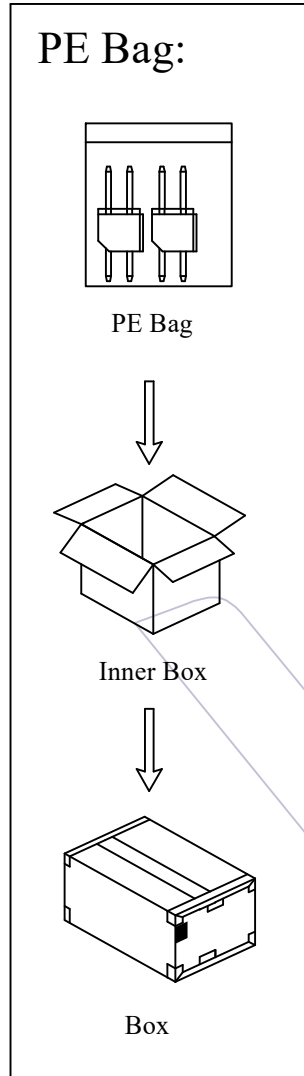
WCON-Dongguan
Tel: +86 769 85358920
Fax: +86 769 85358915
E-mail: sales@wcon.com

WCON-Kunshan
Tel: +86 512 57468408
Fax: +86 512 57468468
E-mail: salesks@wcon.com

HSF

Packing:

Packaging Quantity Refers To The Following Table



PINS /Row	Q'ty/Bag (L≤10.0)	PINS /Row	Q'ty/Bag (L≤10.0)	PINS /Row	Q'ty/Bag (10.0 < L≤18.5)	PINS /Row	Q'ty/Bag (10.0 < L≤18.5)
1	1000	21	200	1	1000	21	100
2	1000	22	200	2	1000	22	100
3	1000	23	200	3	1000	23	100
4	1000	24	150	4	500	24	100
5	1000	25	150	5	500	25	50
6	500	26	150	6	500	26	50
7	500	27	150	7	300	27	50
8	500	28	150	8	300	28	50
9	500	29	150	9	300	29	50
10	500	30	100	10	300	30	50
11	300	31	100	11	300	31	50
12	300	32	100	12	300	32	50
13	300	33	100	13	200	33	50
14	300	34	100	14	200	34	50
15	300	35	100	15	200	35	50
16	300	36	100	16	100	36	50
17	200	37	100	17	100	37	50
18	200	38	100	18	100	38	50
19	200	39	100	19	100	39	50
20	200	40	100	20	100	40	50

REV	DATE	MODIFICATION DESCRIPTION	CHANGE	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.
A2	2025/12/24	Standardization Drawing	CP	x.X ±0.40	CP	2025/12/24	UNIT	mm	1240-12XXXXXXXCOXX
A1	2018/01/19	Modify P/N	Liu	x.XX ±0.25	CHECK	DATE	SIZE	A4	TITLE:
AO	2012/04/26	NEW	William Chen	x.XXX ±0.15	TANG	2025/12/24	SHEET	2/2	PH2.00 DUAL ROW 180° H=4.0
				Angle ± 3'	APPROVE	DATE	PROJ.		Customer NO.
				DIM TOL	Steven Zhao	2025/12/24			



Http: www.wcon.com

WCON-Dongguan Tel: +86 769 85358920 Fax: +86 769 85358915 E-mail: sales@wcon.com	WCON-Kunshan Tel: +86 512 57468408 Fax: +86 512 57468468 E-mail: salesks@wcon.com
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