

# HSF

**NOTES:**

- Rated Current: 5.0AMP. (20°C, 2\*2P-2\*15P)  
3.0AMP. (20°C, 2\*16P-2\*40P) A2
- 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) A2
- Contact Material: Copper Alloy
- Contact Plating: Au or Sn Over 30u" Min Ni A2
- Insulator Material: PA9T+G.F UL94V-0 BK A2

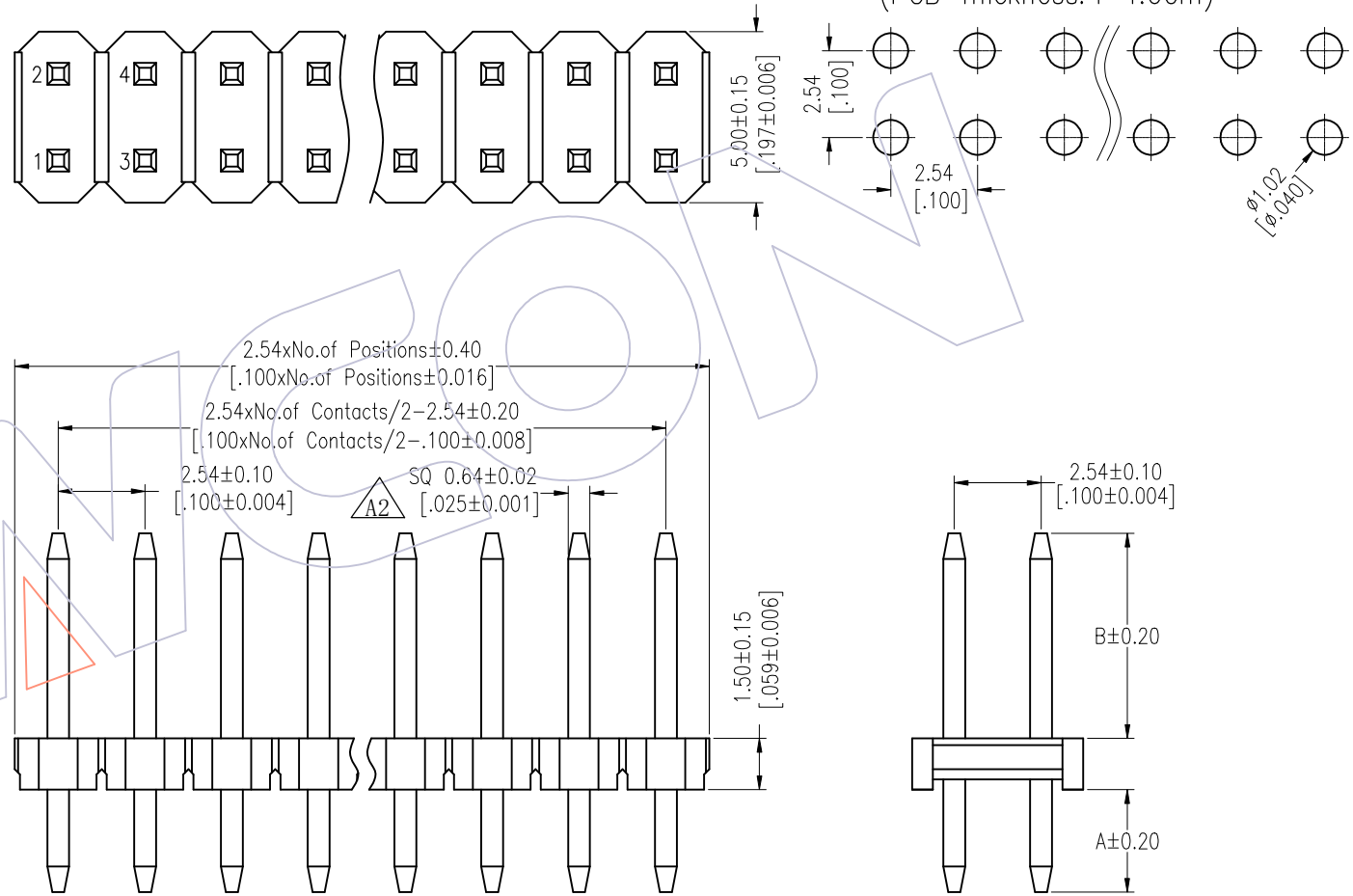
## Ordering Information

1115-1 2 XX XX S XXX C X XX A1

- 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 T=Tube
- Insulator Material C=PA9T(Standard)
- Pin Length L(See Table)
- Type: S:S/T

Item	Pin Length	A	B	Mating
Standard	8.0	3.00	3.5	2135/2150T/2157
	8.5		4.0	2145/2150
	9.5		5.0	2168T/2171T
	10.3		5.84	2171/2185X
Standard	7.0	2.0 (THR)	3.5	2135/2150T/2157
	7.5		4.0	2145/2150
	8.5		5.0	2168T/2171T
	9.3		5.84	2171/2185X
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	2025/03/19	Standardization Drawing	CP	x.X ±0.40	CP	2025/03/19	UNIT	mm	1115-12XXXXXXC0XX
A1	2018/01/22	Modify P/N	Ruipeng	x.XX ±0.25	CHECK	DATE	SIZE	A4	TITLE: PH2.54 DUAL ROW 180° H=1.5
AO	2012/05/02	NEW	William Chen	x.XXX ±0.15	TANG	2025/03/19	SHEET	1/3	Customer NO.
				Angle ± 3'	APPROVE	DATE	PROJ.		
				DIM TOL	Steven Zhao	2025/03/19			

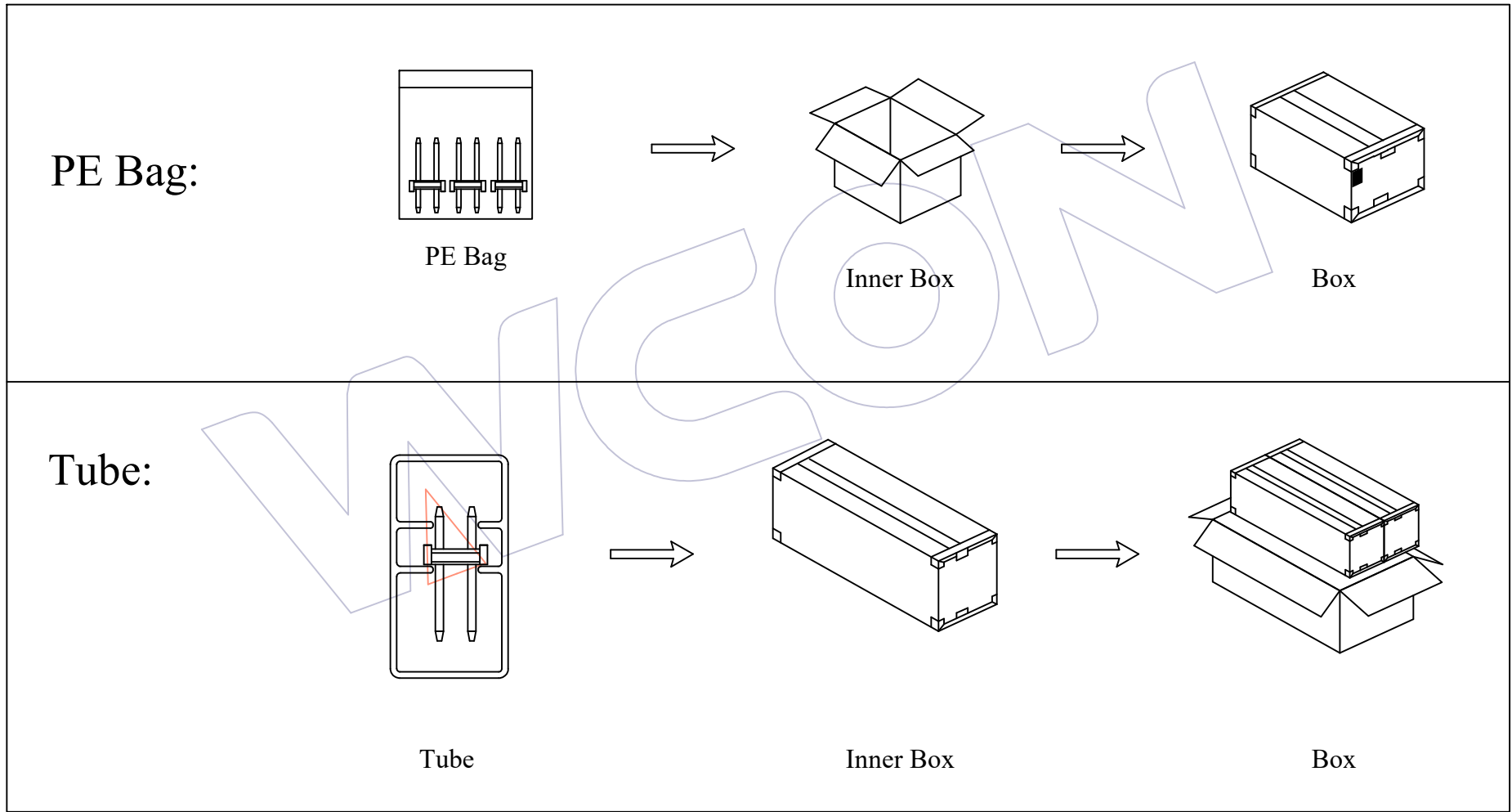



Http: [www.wcon.com](http://www.wcon.com)

WCON-Dongguan Tel: +86 769 85358920 Fax: +86 769 85358915 E-mail: <a href="mailto:sales@wcon.com">sales@wcon.com</a>	WCON-Kunshan Tel: +86 512 57468408 Fax: +86 512 57468468 E-mail: <a href="mailto:salesks@wcon.com">salesks@wcon.com</a>
---	--

**HSF**

**Packing:**




				OPERATION	DRAW	DATE	SCALE	Fit	PART NO.	 <a href="http://www.wcon.com">Http: www.wcon.com</a> 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
A2	2025/03/19	Standardization Drawing	CP	x.X ±0.40	CP	2025/03/19	UNIT	mm	1115-12XXXXSXXXC0XX	
A1	2018/01/22	Modify P/N	Ruipeng	x.XX ±0.25	CHECK	DATE	SIZE	A4	TITLE:	
AO	2012/05/02	NEW	William Chen	x.XXX ±0.15	TANG	2025/03/19	SHEET	2/3	PH2.54 DUAL ROW 180° H=1.5	
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3'	APPROVE	DATE	PROJ.	⌀	Customer NO.	
				DIM TOL	Steven Zhao	2025/03/19				

**HSF**

## 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≤16.0	PINS /Row	Q' ty/Bag 10.0<L≤16.0	PINS /Row	Q' ty/Tube	Q' ty/Inner Box	Q' ty/Box	PINS /Row	Q' ty/Tube	Q' ty/Inner Box	Q' ty/Box
1	1000	21	200	1	1000	21	100	4	57	6,840	13,680	23	9	1,080	2,160
2	1000	22	200	2	1000	22	100	5	45	5,400	10,800	24	9	1,080	2,160
3	1000	23	200	3	1000	23	100	6	37	4,440	8,880	25	9	1,080	2,160
4	1000	24	200	4	1000	24	100	7	31	3,720	7,440	26	8	960	1,920
5	1000	25	200	5	1000	25	100	8	27	3,240	6,480	27	8	960	1,920
6	500	26	200	6	500	26	100	9	24	2,880	5,760	28	8	960	1,920
7	500	27	200	7	500	27	100	10	22	2,640	5,280	29	7	840	1,680
8	500	28	100	8	500	28	100	11	20	2,400	4,800	30	7	840	1,680
9	500	29	100	9	300	29	100	12	18	2,160	4,320	31	7	840	1,680
10	300	30	100	10	300	30	100	13	17	2,040	4,080	32	7	840	1,680
11	300	31	100	11	300	31	100	14	16	1,920	3,840	33	6	720	1,440
12	300	32	100	12	200	32	100	15	15	1,800	3,600	34	6	720	1,440
13	300	33	100	13	200	33	100	16	14	1,680	3,360	35	6	720	1,440
14	300	34	100	14	200	34	100	17	13	1,560	3,120	36	6	720	1,440
15	200	35	100	15	200	35	100	18	12	1,440	2,880	37	6	720	1,440
16	200	36	100	16	200	36	100	19	11	1,320	2,640	38	5	600	1,200
17	200	37	100	17	200	37	100	20	11	1,320	2,640	39	5	600	1,200
18	200	38	100	18	200	38	100	21	10	1,200	2,400	40	5	600	1,200
19	200	39	100	19	200	39	100	22	10	1,200	2,400				
20	200	40	100	20	100	40	100								

REV	DATE	MODIFICATION DESCRIPTION	CHANGE	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.	 <a href="http://www.wcon.com">Http: www.wcon.com</a> WCON-Dongguan Tel: +86 769 85358920 WCON-Kunshan Tel: +86 512 57468408 Fax: +86 769 85358915 Fax: +86 512 57468468 E-mail: sales@wcon.com E-mail: salesks@wcon.com
A2	2025/03/19	Standardization Drawing	CP	x.X ±0.40	CP	2025/03/19	UNIT	mm	1115-12XXXXXXC0XX	
A1	2018/01/22	Modify P/N	Ruipeng	x.XX ±0.25	CHECK	DATE	SIZE	A4	TITLE:	
AO	2012/05/02	NEW	William Chen	x.XXX ±0.15	TANG	2025/03/19	SHEET	3/3	PH2.54 DUAL ROW 180° H=1.5	
				Angle ± 3'	APPROVE	DATE	PROJ.	Customer NO.		
				DIM TOL	Steven Zhao	2025/03/19				