

# HSF

NOTES:  
 Rated Current: 5.0AMP.(20°C, 2\*2P-2\*15P)  
 3.0AMP.(20°C, 2\*16P-2\*40P)  $\triangle A4$   
 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)  $\triangle A4$

Contact Material: Copper Alloy  
 Contact Plating: Au or Sn Over 30u" Min Ni  $\triangle A4$   
 Insulator Material: PA9T+G.F UL94V-0 BK  $\triangle A4$

## Ordering Information

1115- 1 2 XX XX M XXX C X XX  $\triangle A2$

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  $\triangle A4$

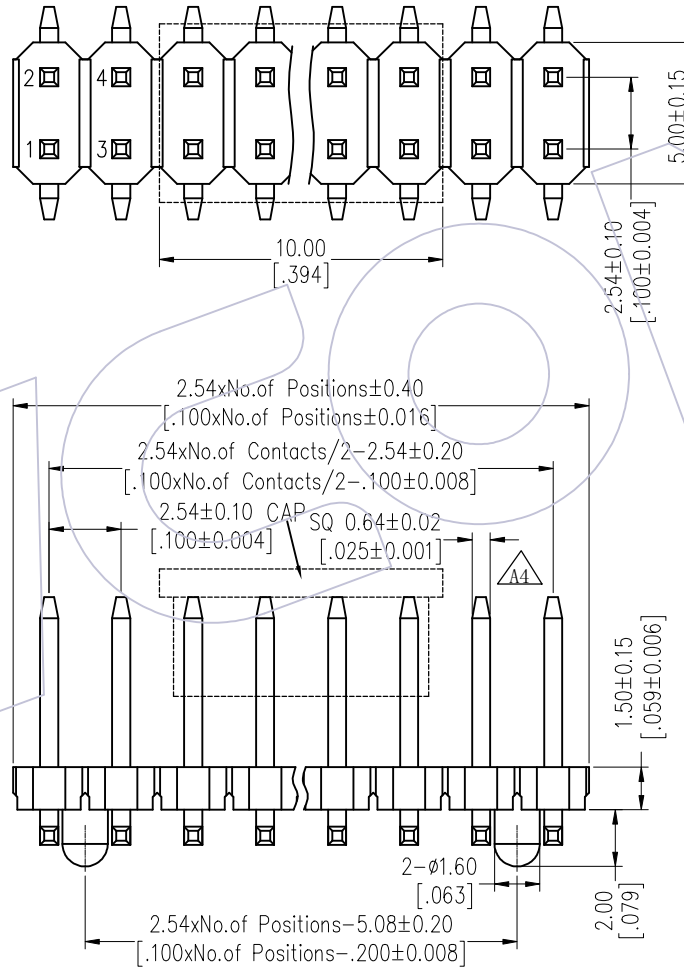
Series No. 01-99  
 Packing  
 T=Tube  
 P=Tube+CAP  
 R=Tape & Reel+CAP

Insulator Material  
 C=PA9T

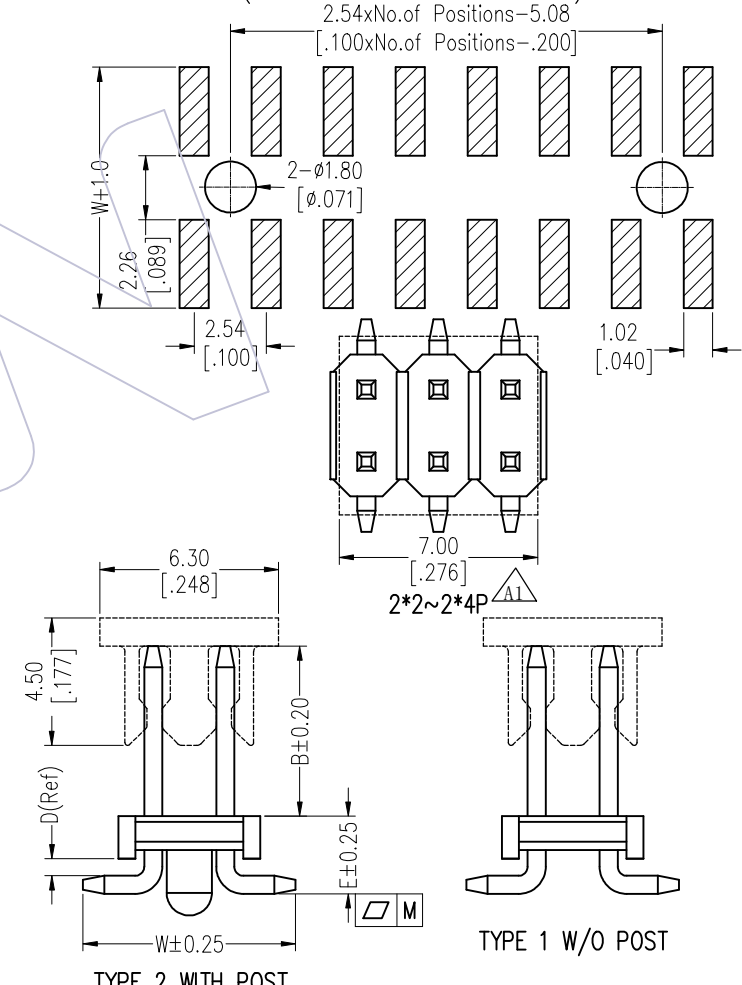
Pin Length  
 L(See Table)

Type:  
 M:SMT

Item	Pin Length	W	D	E	B	Mating
Standard	7.8	7.37	0.6	2.74	3.5	2135/21501/2157
	8.3				4.0	2145/2150
	9.5				5.0	2168T/2171T
	10.3				5.84	2171/2185X
Alternate						



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



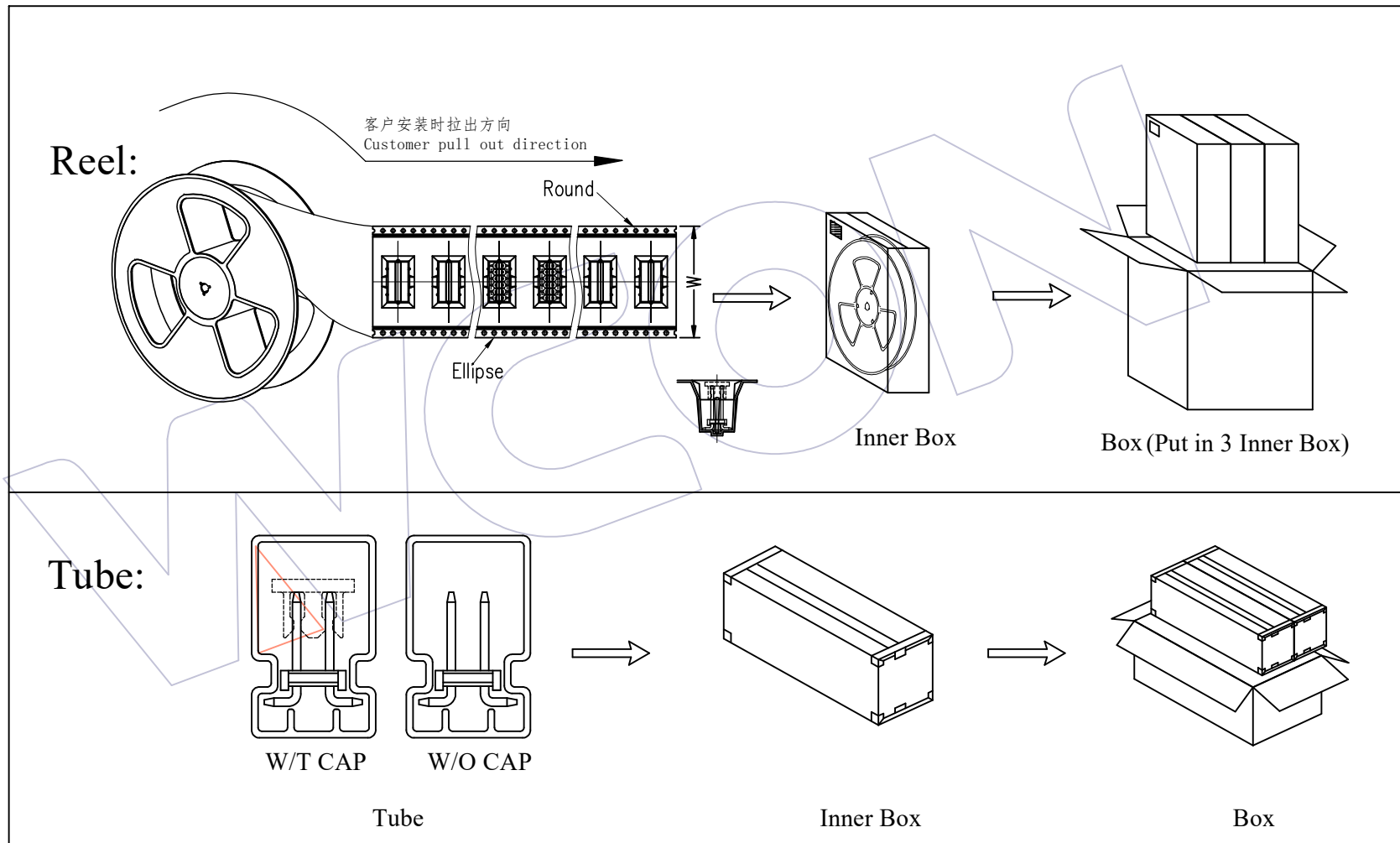
PIN(PerRow)	2-15P	16-25P	26-40P
M	0.10	0.15	0.20

REV	DATE	MODIFICATION DESCRIPTION	CHANGE	DIM	TOL	APPROVE	DATE	PROJ.	PART NO.	TITLE:
A4	2025/03/20	Standardization Drawing	CP			OPERATION	DATE	SCALE	Fit	PART NO. 1115-12XXXXMXXXCX
A3	2023/02/02	Add Flatness	DuYing	x.x	±0.40	CP	2025/03/20	UNIT	mm	PH2.54 DUAL ROW SMT H=1.5
A2	2018/01/22	Modify P/N	Ruipeng	x.xx	±0.25	CHECK	DATE	SIZE	A4	
A0	2012/05/02	NEW	William Chen	x.xxx	±0.15	TANG	2025/03/20	SHEET	1/4	
				Angle	± 3°	APPROVE	DATE			Customer NO.
						Steven Zhao	2025/03/20			

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**HSF**

**Packing:**



A4	2025/03/20	Standardization Drawing	CP	OPERATION	DRAW	DATE	SCALE	Fit	PART NO. 1115-12XXXXMXXCRXX
A3	2023/02/02	Add Flatness	DuYing	x.x ±0.40	CP	2025/03/20	UNIT	mm	
A2	2018/01/22	Modify P/N	Ruipeng	x.xx ±0.25	CHECK	DATE	SIZE	A4	TITLE: PH2.54 DUAL ROW SMT H=1.5
A0	2012/05/02	NEW	William Chen	x.xxx ±0.15	TANG	2025/03/20	SHEET	2/4	
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3°	APPROVE	DATE	PROJ.	Customer NO.	
				DIM TOL	Steven Zhao	2025/03/20			

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**HSF**


Packaging Quantity Refers To The Following Table

B=3.5

PINS /Row	Q' ty/Tube	Q' ty/Inner Box	Q' ty/Box
4	57	6,840	13,680
5	46	5,520	11,040
6	38	4,560	9,120
7	31	3,720	7,440
8	27	3,240	6,480
9	24	2,880	5,760
10	22	2,640	5,280
11	20	2,400	4,800
12	18	2,160	4,320
13	17	2,040	4,080
14	16	1,920	3,840
15	15	1,800	3,600
16	14	1,680	3,360
17	13	1,560	3,120
18	12	1,440	2,880
19	11	1,320	2,640
20	11	1,320	2,640
21	10	1,200	2,400
22	10	1,200	2,400

PINS /Row	Q' ty/Tube	Q' ty/Inner Box	Q' ty/Box
23	9	1,080	2,160
24	9	1,080	2,160
25	9	1,080	2,160
26	8	960	1,920
27	8	960	1,920
28	8	960	1,920
29	7	840	1,680
30	7	840	1,680
31	7	840	1,680
32	7	840	1,680
33	6	720	1,440
34	6	720	1,440
35	6	720	1,440
36	6	720	1,440
37	6	720	1,440
38	5	600	1,200
39	5	600	1,200
40	5	600	1,200

PINS /Row	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
2	24	460	1,380	4,140
3	24	460	1,380	4,140
4	24	460	1,380	4,140
5	24	460	1,380	4,140
6	32	460	920	2,760
7	44	460	920	2,760
8	44	460	920	2,760
9	44	460	920	2,760
10	44	460	920	2,760
11	44	460	920	2,760
12	56	460	460	1,380
13	56	460	460	1,380
14	56	460	460	1,380
15	56	460	460	1,380
16	56	460	460	1,380
17	72	460	460	1,380
18	72	460	460	1,380
19	72	460	460	1,380
20	72	460	460	1,380
21	72	460	460	1,380
22	72	460	460	1,380
23	88	460	460	1,380
24	88	460	460	1,380
25	88	460	460	1,380
26	88	460	460	1,380
27	88	460	460	1,380

A4	2025/03/20	Standardization Drawing	CP	OPERATION		DRAW	DATE	SCALE	Fit	PART NO. 1115-12XXXXMXXCRXX	 <a href="http://www.wcon.com">Http: www.wcon.com</a>
A3	2023/02/02	Add Flatness	DuYing	x.x	±0.40	CP	2025/03/20	UNIT	mm		
A2	2018/01/22	Modify P/N	Ruipeng	x.xx	±0.25	CHECK	DATE	SIZE	A4	Customer NO.	WCON-Kunshan Tel: +86 512 57468408 Fax: +86 512 57468468 E-mail: salesks@wcon.com
A0	2012/05/02	NEW	William Chen	x.xxx	±0.15	TANG	2025/03/20	SHEET	3/4		
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle	± 3'	APPROVE	DATE	PROJ.	⌀		
				DIM	TOL	Steven Zhao	2025/03/20				



# Packaging Quantity Refers To The Following Table

B=4.0

B=5.0

B=5.84

PINS /Row	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
2	24	450	1,350	4,050
3	24	450	1,350	4,050
4	24	450	1,350	4,050
5	32	450	900	2,700
6	32	450	900	2,700
7	44	450	900	2,700
8	44	450	900	2,700
9	44	450	900	2,700
10	44	450	900	2,700
11	44	450	900	2,700
12	56	450	450	1,350
13	56	450	450	1,350
14	56	450	450	1,350
15	56	450	450	1,350
16	72	450	450	1,350
17	72	450	450	1,350
18	72	450	450	1,350
19	72	450	450	1,350
20	72	450	450	1,350
21	72	450	450	1,350
22	72	450	450	1,350
23	88	450	450	1,350
24	88	450	450	1,350
25	88	450	450	1,350
26	88	450	450	1,350
27	88	450	450	1,350

PINS /Row	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
2	24	380	1,140	3,420
3	24	380	1,140	3,420
4	24	380	1,140	3,420
5	32	380	760	2,280
6	32	380	760	2,280
7	44	380	760	2,280
8	44	380	760	2,280
9	44	380	760	2,280
10	44	380	760	2,280
11	56	380	380	1,140
12	56	380	380	1,140
13	56	380	380	1,140
14	56	380	380	1,140
15	56	380	380	1,140
16	72	380	380	1,140
17	72	380	380	1,140
18	72	380	380	1,140
19	72	380	380	1,140
20	72	380	380	1,140
21	72	380	380	1,140
22	88	380	380	1,140
23	88	380	380	1,140
24	88	380	380	1,140
25	88	380	380	1,140
26	88	380	380	1,140
27	88	380	380	1,140

PINS /Row	W	Q' ty/Reel	Q' ty/Inner Box	Q' ty/Box
2	24	300	900	2,700
3	24	300	900	2,700
4	24	300	900	2,700
5	32	300	600	1,800
6	44	300	600	1,800
7	44	300	600	1,800
8	44	300	600	1,800
9	44	300	600	1,800
10	44	300	600	1,800
11	56	300	300	900
12	56	300	300	900
13	56	300	300	900
14	56	300	300	900
15	72	300	300	900
16	72	300	300	900
17	72	300	300	900
18	72	300	300	900
19	72	300	300	900
20	72	300	300	900
21	72	300	300	900
22	88	300	300	900
23	88	300	300	900
24	88	300	300	900
25	88	300	300	900
26	88	300	300	900
27	88	300	300	900

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A3	2023/02/02	Add Flatness	DuYing	x.x ±0.40	CP	2025/03/20	UNIT	mm	1115-12XXXXMXXCRXX
A2	2018/01/22	Modify P/N	Ruipeng	x.xx ±0.25	CHECK	DATE	SIZE	A4	TITLE:
A0	2012/05/02	NEW	William Chen	x.xxx ±0.15	TANG	2025/03/20	SHEET	4/4	PH2.54 DUAL ROW SMT
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3°	APPROVE	DATE	PROJ.	⊕	H=1.5
				DIM TOL	Steven Zhao	2025/03/20			Customer NO.



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