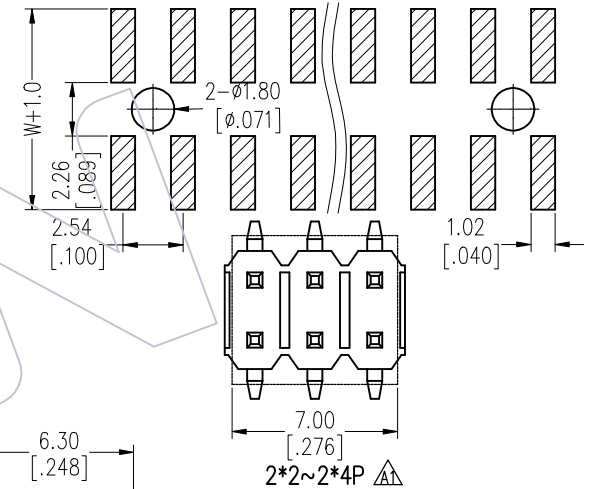
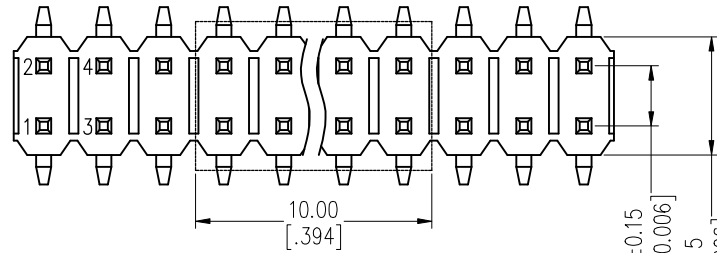


HSF

NOTES:

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

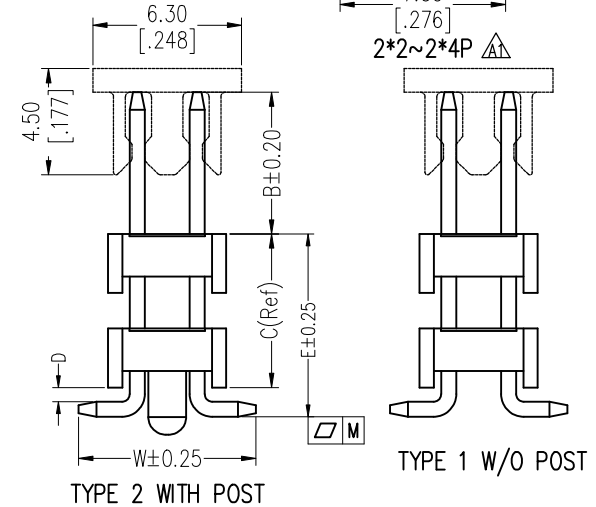
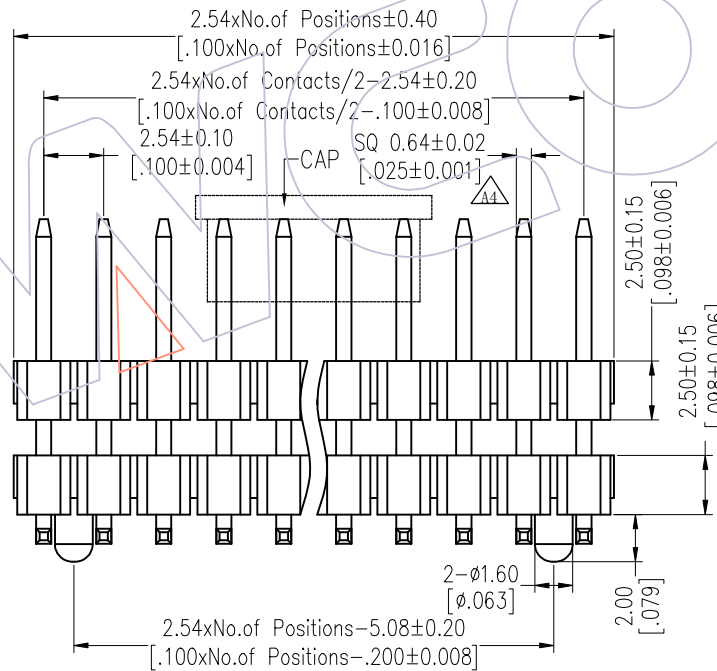
Recommended P.C.B Layout (Top Side)
(PCB BOARD TOLERANCE±0.05)
(PCB Thickness:T=1.60m)



Ordering Information

1125-2 2 XX XX M XXX C X XX

- 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: T=Tube, P=Tube+CAP, R=Tape &Reel+CAP
- Insulator Material: C=PA9T(Standard)
- Pin Length: See Table 1
- Type: M=SMT



PIN(PerRow)	2-15P	16-25P	26-40P
M	0.10	0.15	0.18

A4	2025/05/27	Standardization Drawing	CP	OPERATION	DRAW	DATE	SCALE	Fit	PART NO. 1125-22XXXXMXXXCRXX
A3	2023/02/03	Add Flatness	DuYing	x.x ±0.40	CP	2025/05/27	UNIT	mm	
A2	2018/01/22	Modify P/N	Ruipeng	x.xx ±0.25	CHECK	DATE	SIZE	A4	
A0	2012/05/28	NEW	William Chen	x.xxx ±0.15	TANG	2025/05/27	SHEET	1/8	
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3°	APPROVE	DATE	PROJ.	Customer NO.	
				DIM TOL	Steven Zhao	2025/05/27			

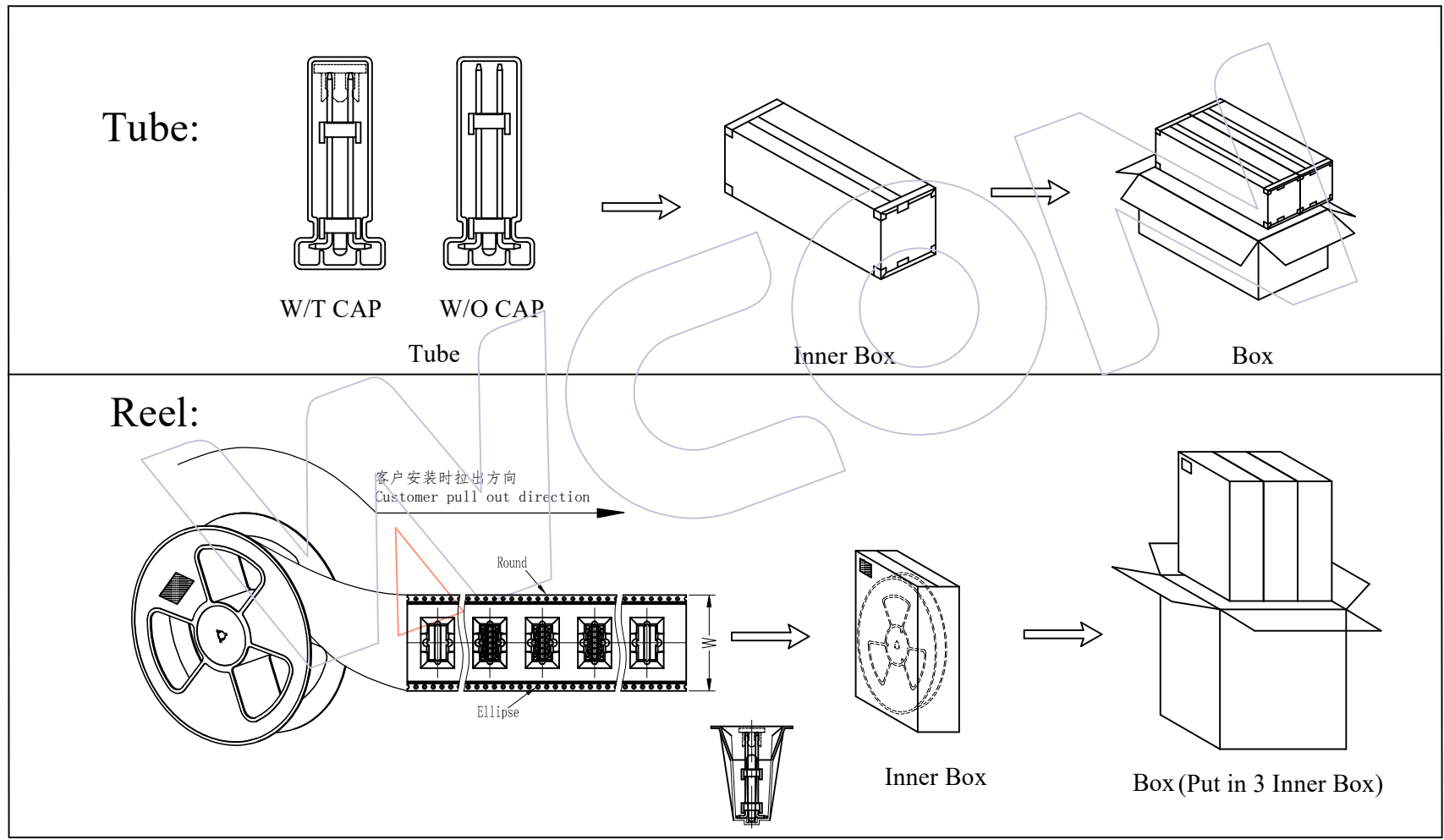
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Packing:



A4	2025/05/27	Standardization Drawing	CP	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.
A3	2023/02/03	Add Flatness	DuYing	x.X ±0.40	CP	2025/05/27	UNIT	mm	1125-22XXXXMXXXCRXX
A2	2018/01/22	Modify P/N	Ruipeng	x.xx ±0.25	CHECK	DATE	SIZE	A4	TITLE:
A0	2012/05/28	NEW	William Chen	x.xxx ±0.15	TANG	2025/05/27	SHEET	2/8	PH2.54 DUAL ROW DOUBLE PLASTIC SMT H=2.5
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3°	APPROVE	DATE	PROJ.		Customer NO.
				DIM TOL	Steven Zhao	2025/05/27			

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Packaging Quantity Refers To The Following Table

Table 1:


Item	L	E	C	D	W	B	Mating
Standard	12.8	7.44	6.5	0.3	7.37	3.5	2135/2150T/2157
	13.4					4.0	2145/2150
	14.3					5.0	2168T/2171T
	15.0					5.84	2171/2185X
	13.6	8.24	7.0	0.6		3.5	2135/2150T/2157
	14.2					4.0	2145/2150
	15.0					5.0	2168T/2171T
	16.0					5.84	2171/2185X
	15.0	9.5	8.66	0.2		3.5	2135/2150T/2157
	15.5					4.0	2145/2150
	16.5					5.0	2168T/2171T
	17.3					5.84	2171/2185X
	17.5	12.04	10.8	0.6		3.5	2135/2150T/2157
	18.0					4.0	2145/2150
	19.0					5.0	2168T/2171T
	19.8					5.84	2171/2185X
	20.0	14.6	13.66	0.3		3.5	2135/2150T/2157
	20.5					4.0	2145/2150
	21.5					5.0	2168T/2171T
	22.3					5.84	2171/2185X
22.7	17.24	16.0	0.6	3.5	2135/2150T/2157		
23.0				4.0	2145/2150		
24.0				5.0	2168T/2171T		
25.0				5.84	2171/2185X		
Alternate							

E=7. 44/8. 24/9. 50/12. 04/14. 60

PINS /Row	Q'ty/Tube	Q'ty/Inner Box	Q'ty/Box
4	57	3,420	6,840
5	46	2,760	5,520
6	38	2,280	4,560
7	33	1,980	3,960
8	29	1,740	3,480
9	25	1,500	3,000
10	22	1,320	2,640
11	27	1,620	3,240
12	18	1,080	2,160
13	17	1,020	2,040
14	16	960	1,920
15	15	900	1,800
16	14	840	1,680
17	13	780	1,560
18	12	720	1,440
19	11	660	1,320
20	11	660	1,320
21	10	600	1,200
22	10	600	1,200

E=7. 44/8. 24/9. 50/12. 04/14. 60

PINS /Row	Q'ty/Tube	Q'ty/Inner Box	Q'ty/Box
23	9	540	1,080
24	9	540	1,080
25	9	540	1,080
26	8	480	960
27	8	480	960
28	8	480	960
29	7	420	840
30	7	420	840
31	7	420	840
32	7	420	840
33	6	360	720
34	6	360	720
35	6	360	720
36	6	360	720
37	6	360	720
38	5	300	600
39	5	300	600
40	5	300	600

A4	2025/05/27	Standardization Drawing	CP	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.	 <p>Http: www.wcon.com</p> <p>WCON-Dongguan Tel: +86 769 85358920 Fax: +86 769 85358915 E-mail: sales@wcon.com</p> <p>WCON-Kunshan Tel: +86 512 57468408 Fax: +86 512 57468468 E-mail: salesks@wcon.com</p>
A3	2023/02/03	Add Flatness	DuYing	x.x ±0.40	CP	2025/05/27	UNIT	mm	TITLE:	
A2	2018/01/22	Modify P/N	Ruipeng	x.xx ±0.25	CHECK	DATE	SIZE	A4	PH2.54 DUAL ROW	
A0	2012/05/28	NEW	William Chen	x.xxx ±0.15	TANG	2025/05/27	SHEET	3/8	DOUBLE PLASTIC SMT H=2.5	
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3°	APPROVE	DATE	PROJ.	Customer NO.		
				DIM TOL	Steven Zhao	2025/05/27				

HSF

Packaging Quantity Refers To The Following Table

E=17. 24

PINS /Row	Q'ty/Tube	Q'ty/Inner Box	Q'ty/Box
4	57	2,280	4,560
5	46	1,840	3,680
6	38	1,520	3,040
7	33	1,320	2,640
8	29	1,160	2,320
9	25	1,000	2,000
10	22	880	1,760
11	27	1,080	2,160
12	18	720	1,440
13	17	680	1,360
14	16	640	1,280
15	15	600	1,200
16	14	560	1,120
17	13	520	1,040
18	12	480	960
19	11	440	880
20	11	440	880
21	10	400	800
22	10	400	800

E=17. 24

PINS /Row	Q'ty/Tube	Q'ty/Inner Box	Q'ty/Box
23	9	360	720
24	9	360	720
25	9	360	720
26	8	320	640
27	8	320	640
28	8	320	640
29	7	280	560
30	7	280	560
31	7	280	560
32	7	280	560
33	6	240	480
34	6	240	480
35	6	240	480
36	6	240	480
37	6	240	480
38	5	200	400
39	5	200	400
40	5	200	400

E=7. 44, B=3. 5/4. 0

PINS /Row	W/Reel	Q'ty/Reel	Q'ty/Inner Box	Q'ty/Box
2	24	200	600	1,800
3	24	200	600	1,800
4	32	200	400	1,200
5	32	200	400	1,200
6	44	200	400	1,200
7	44	200	400	1,200
8	44	200	400	1,200
9	44	200	400	1,200
10	56	200	200	600
11	56	200	200	600
12	56	200	200	600
13	56	200	200	600
14	56	200	200	600
15	72	200	200	600
16	72	200	200	600
17	72	200	200	600
18	72	200	200	600
19	72	200	200	600
20	72	200	200	600
21	88	200	200	600
22	88	200	200	600
23	88	200	200	600
24	88	200	200	600

A4	2025/05/27	Standardization Drawing	CP	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.
A3	2023/02/03	Add Flatness	DuYing	x.x ±0.40	CP	2025/05/27	UNIT	mm	1125-22XXXXMXXXCRXX
A2	2018/01/22	Modify P/N	Ruipeng	x.xx ±0.25	CHECK	DATE	SIZE	A4	TITLE:
A0	2012/05/28	NEW	William Chen	x.xxx ±0.15	TANG	2025/05/27	SHEET	4/8	PH2. 54 DUAL ROW DOUBLE PLASTIC SMT H=2. 5
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3'	APPROVE	DATE	PROJ.	Customer NO.	
				DIM TOL	Steven Zhao	2025/05/27			

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Packaging Quantity Refers To The Following Table

E=7. 44, B=5. 0/5. 84

PINS /Row	W/Reel	Q'ty/Reel	Q'ty/Inner Box	Q'ty/Box
2	24	170	510	1,530
3	32	170	340	1,020
4	32	170	340	1,020
5	44	170	340	1,020
6	44	170	340	1,020
7	44	170	340	1,020
8	44	170	340	1,020
9	56	170	170	510
10	56	170	170	510
11	56	170	170	510
12	56	170	170	510
13	56	170	170	510
14	72	170	170	510
15	72	170	170	510
16	72	170	170	510
17	72	170	170	510
18	72	170	170	510
19	72	170	170	510
20	88	170	170	510
21	88	170	170	510
22	88	170	170	510
23	88	170	170	510
24	88	170	170	510

E=8. 24, B=3. 5/4. 0

PINS /Row	W/Reel	Q'ty/Reel	Q'ty/Inner Box	Q'ty/Box
2	24	200	600	1,800
3	24	200	600	1,800
4	32	200	400	1,200
5	32	200	400	1,200
6	44	200	400	1,200
7	44	200	400	1,200
8	44	200	400	1,200
9	44	200	400	1,200
10	56	200	200	600
11	56	200	200	600
12	56	200	200	600
13	56	200	200	600
14	56	200	200	600
15	72	200	200	600
16	72	200	200	600
17	72	200	200	600
18	72	200	200	600
19	72	200	200	600
20	72	200	200	600
21	88	200	200	600
22	88	200	200	600
23	88	200	200	600
24	88	200	200	600

E=8. 24, B=5. 0/5. 84

PINS /Row	W/Reel	Q'ty/Reel	Q'ty/Inner Box	Q'ty/Box
2	24	170	510	1,530
3	24	170	510	1,530
4	32	170	340	1,020
5	44	170	340	1,020
6	44	170	340	1,020
7	44	170	340	1,020
8	44	170	340	1,020
9	56	170	170	510
10	56	170	170	510
11	56	170	170	510
12	56	170	170	510
13	56	170	170	510
14	72	170	170	510
15	72	170	170	510
16	72	170	170	510
17	72	170	170	510
18	72	170	170	510
19	72	170	170	510
20	88	170	170	510
21	88	170	170	510
22	88	170	170	510
23	88	170	170	510
24	88	170	170	510

A4	2025/05/27	Standardization Drawing	CP	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.
A3	2023/02/03	Add Flatness	DuYing	x.x ±0.40	CP	2025/05/27	UNIT	mm	1125-22XXXXMXXXCRXX
A2	2018/01/22	Modify P/N	Ruipeng	x.xx ±0.25	CHECK	DATE	SIZE	A4	TITLE:
A0	2012/05/28	NEW	William Chen	x.xxx ±0.15	TANG	2025/05/27	SHEET	5/8	PH2.54 DUAL ROW DOUBLE PLASTIC SMT H=2.5
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3°	APPROVE	DATE	PROJ.	Customer NO.	
				DIM TOL	Steven Zhao	2025/05/27			



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Packaging Quantity Refers To The Following Table

E=9.50, B=3.5/4.0/5.0


E=9.50, B=5.84

E=12.04, B=3.5

PINS /Row	W/Reel	Q'ty/Reel	Q'ty/Inner Box	Q'ty/Box
2	24	170	510	1,530
3	24	170	510	1,530
4	32	170	340	1,020
5	44	170	340	1,020
6	44	170	340	1,020
7	44	170	340	1,020
8	44	170	340	1,020
9	56	170	170	510
10	56	170	170	510
11	56	170	170	510
12	56	170	170	510
13	56	170	170	510
14	72	170	170	510
15	72	170	170	510
16	72	170	170	510
17	72	170	170	510
18	72	170	170	510
19	72	170	170	510
20	88	170	170	510
21	88	170	170	510
22	88	170	170	510
23	88	170	170	510
24	88	170	170	510

PINS /Row	W/Reel	Q'ty/Reel	Q'ty/Inner Box	Q'ty/Box
2	24	160	480	1,440
3	32	160	320	960
4	32	160	320	960
5	44	160	320	960
6	44	160	320	960
7	44	160	320	960
8	44	160	320	960
9	56	160	160	480
10	56	160	160	480
11	56	160	160	480
12	56	160	160	480
13	72	160	160	480
14	72	160	160	480
15	72	160	160	480
16	72	160	160	480
17	72	160	160	480
18	72	160	160	480
19	72	160	160	480
20	88	160	160	480
21	88	160	160	480
22	88	160	160	480
23	88	160	160	480
24	88	160	160	480

PINS /Row	W/Reel	Q'ty/Reel	Q'ty/Inner Box	Q'ty/Box
2	24	160	480	1,440
3	32	160	320	960
4	32	160	320	960
5	44	160	320	960
6	44	160	320	960
7	44	160	320	960
8	44	160	320	960
9	56	160	160	480
10	56	160	160	480
11	56	160	160	480
12	56	160	160	480
13	72	160	160	480
14	72	160	160	480
15	72	160	160	480
16	72	160	160	480
17	72	160	160	480
18	72	160	160	480
19	72	160	160	480
20	88	160	160	480
21	88	160	160	480
22	88	160	160	480
23	88	160	160	480
24	88	160	160	480

A4	2025/05/27	Standardization Drawing	CP	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.	 <p>Http: www.wcon.com</p> <p>WCON-Dongguan Tel: +86 769 85358920 Fax: +86 769 85358915 E-mail: sales@wcon.com</p> <p>WCON-Kunshan Tel: +86 512 57468408 Fax: +86 512 57468468 E-mail: salesks@wcon.com</p>
A3	2023/02/03	Add Flatness	DuYing	x.x ±0.40	CP	2025/05/27	UNIT	mm	1125-22XXXXMXXXCRXX	
A2	2018/01/22	Modify P/N	Ruipeng	x.xx ±0.25	CHECK	DATE	SIZE	A4	TITLE:	
A0	2012/05/28	NEW	William Chen	x.xxx ±0.15	TANG	2025/05/27	SHEET	6/8	PH2.54 DUAL ROW DOUBLE PLASTIC SMT H=2.5	
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3° DIM TOL	APPROVE Steven Zhao	DATE 2025/05/27	PROJ.	Customer NO.		

HSF

Packaging Quantity Refers To The Following Table

E=12.04, B=4.0


PINS /Row	W/Reel	Q'ty/Reel	Q'ty/Inner Box	Q'ty/Box
2	24	130	390	1,170
3	32	130	260	780
4	32	130	260	780
5	44	130	260	780
6	44	130	260	780
7	44	130	260	780
8	56	130	130	390
9	56	130	130	390
10	56	130	130	390
11	56	130	130	390
12	56	130	130	390
13	72	130	130	390
14	72	130	130	390
15	72	130	130	390
16	72	130	130	390
17	72	130	130	390
18	72	130	130	390
19	88	130	130	390
20	88	130	130	390
21	88	130	130	390
22	88	130	130	390
23	88	130	130	390
24	88	130	130	390

E=12.04, B=5.0/5.84

PINS /Row	W/Reel	Q'ty/Reel	Q'ty/Inner Box	Q'ty/Box
2	24	110	330	990
3	32	110	220	660
4	32	110	220	660
5	44	110	220	660
6	44	110	220	660
7	44	110	220	660
8	56	110	110	330
9	56	110	110	330
10	56	110	110	330
11	56	110	110	330
12	56	110	110	330
13	72	110	110	330
14	72	110	110	330
15	72	110	110	330
16	72	110	110	330
17	72	110	110	330
18	72	110	110	330
19	88	110	110	330
20	88	110	110	330
21	88	110	110	330
22	88	110	110	330
23	88	110	110	330
24	88	110	110	330
25	88	110	110	330

E=14.6, B=3.5/4.0

PINS /Row	W/Reel	Q'ty/Reel	Q'ty/Inner Box	Q'ty/Box
2	32	110	220	660
3	32	110	220	660
4	44	110	220	660
5	44	110	220	660
6	44	110	220	660
7	44	110	220	660
8	56	110	110	330
9	56	110	110	330
10	56	110	110	330
11	56	110	110	330
12	72	110	110	330
13	72	110	110	330
14	72	110	110	330
15	72	110	110	330
16	72	110	110	330
17	72	110	110	330
18	72	110	110	330
19	88	110	110	330
20	88	110	110	330
21	88	110	110	330
22	88	110	110	330
23	88	110	110	330
24	88	110	110	330

A4	2025/05/27	Standardization Drawing	CP	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.	 <p>Http: www.wcon.com</p> <p>WCON-Dongguan Tel: +86 769 85358920 Fax: +86 769 85358915 E-mail: sales@wcon.com</p> <p>WCON-Kunshan Tel: +86 512 57468408 Fax: +86 512 57468468 E-mail: salesks@wcon.com</p>
A3	2023/02/03	Add Flatness	DuYing	x.x ±0.40	CP	2025/05/27	UNIT	mm	1125-22XXXXMXXCRXX	
A2	2018/01/22	Modify P/N	Ruipeng	x.xx ±0.25	CHECK	DATE	SIZE	A4	TITLE:	
A0	2012/05/28	NEW	William Chen	x.xxx ±0.15	TANG	2025/05/27	SHEET	7/8	PH2.54 DUAL ROW DOUBLE PLASTIC SMT H=2.5	
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3° DIM TOL	APPROVE Steven Zhao	DATE 2025/05/27	PROJ.	⌀	Customer NO.	

HSF

Packaging Quantity Refers To The Following Table

E=14.6, B=5.0/5.84

PINS /Row	W	Q'ty/Reel	Q'ty/Inner Box	Q'ty/Box
2	32	80	160	480
3	32	80	160	480
4	44	80	160	480
5	44	80	160	480
6	44	80	160	480
7	44	80	160	480
8	56	80	80	240
9	56	80	80	240
10	56	80	80	240
11	56	80	80	240
12	72	80	80	240
13	72	80	80	240
14	72	80	80	240
15	72	80	80	240
16	72	80	80	240
17	72	80	80	240
18	72	80	80	240
19	88	80	80	240
20	88	80	80	240
21	88	80	80	240
22	88	80	80	240
23	88	80	80	240
24	88	80	80	240

E=17.24, B=3.5/4.0

PINS /Row	W	Q'ty/Reel	Q'ty/Inner Box	Q'ty/Box
2	32	80	160	480
3	32	80	160	480
4	44	80	160	480
5	44	80	160	480
6	44	80	160	480
7	56	80	80	240
8	56	80	80	240
9	56	80	80	240
10	56	80	80	240
11	56	80	80	240
12	72	80	80	240
13	72	80	80	240
14	72	80	80	240
15	72	80	80	240
16	72	80	80	240
17	72	80	80	240
18	88	80	80	240
19	88	80	80	240
20	88	80	80	240
21	88	80	80	240
22	88	80	80	240
23	88	80	80	240
24	88	80	80	240

A4	2025/05/27	Standardization Drawing	CP	OPERATION		DRAW	DATE	SCALE	Fit	PART NO.
A3	2023/02/03	Add Flatness	DuYing	x.x	±0.40	CP	2025/05/27	UNIT	mm	1125-22XXXXMXXCRXX
A2	2018/01/22	Modify P/N	Ruipeng	x.xx	±0.25	CHECK	DATE	SIZE	A4	TITLE:
A0	2012/05/28	NEW	William Chen	x.xxx	±0.15	TANG	2025/05/27	SHEET	8/8	PH2.54 DUAL ROW DOUBLE PLASTIC SMT H=2.5
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle	± 3'	APPROVE	DATE	PROJ.	Customer NO.	
				DIM	TOL	Steven Zhao	2025/05/27			

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