

HSF

NOTES:

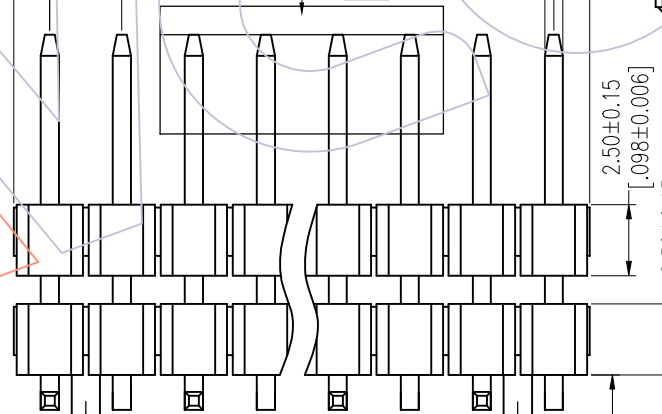
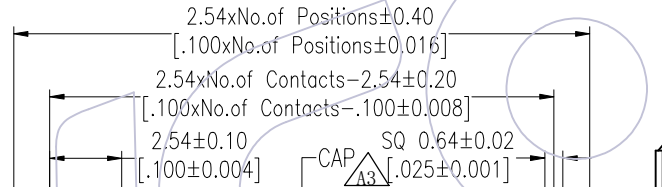
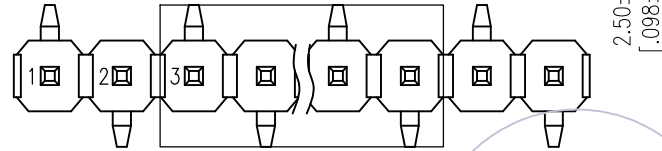
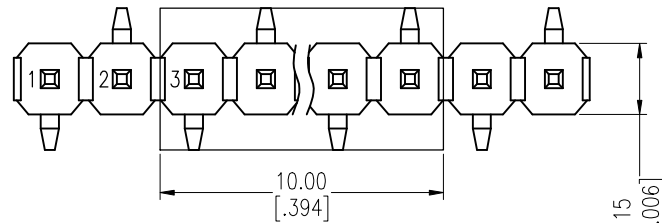
- Rated Current: 5.0AMP.(20°C, 1*2P-1*10P)
3.0AMP.(20°C, 1*11P-1*40P) Δ_{A3}
- Contact Resistance: 20mΩ Max.
- Withstand Voltage: 1000V AC/DC
- Insulation Resistance: 1000MΩ Min.
- Operation Temperature: -40°C to +125°C (Gold Plating)
-40°C to +105°C (Tin Plating) Δ_{A3}
- Contact Material: Copper Alloy
- Contact Plating: Au or Sn Over 30u" Min Ni
- Insulator Material: PA9T+G.F UL94V-0 BK Δ_{A3}

Ordering Information

1125-2 1 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 Δ_{A3}

Δ_{A2}	PIN(PerRow)	2-15P	16-25P	26-40P
	M	0.10	0.15	0.18



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

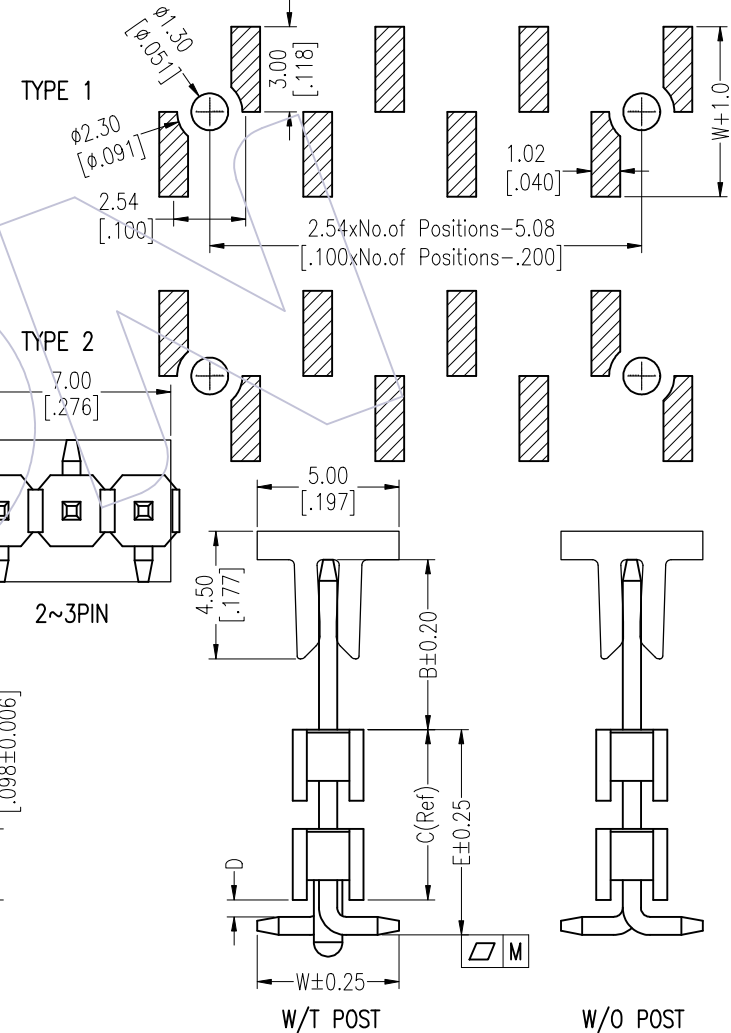
TYPE 1

TYPE 2

2~3PIN

W/T POST

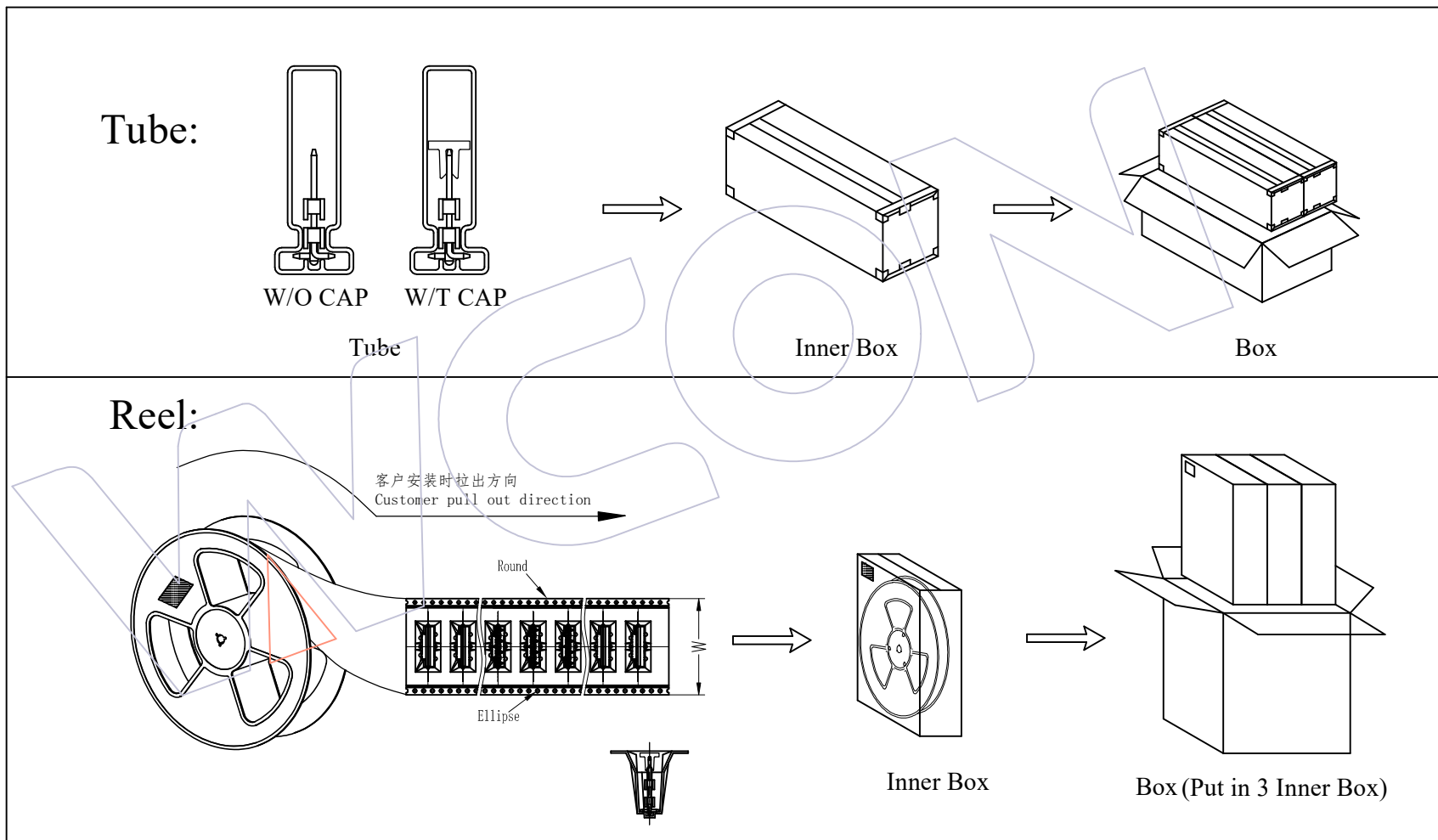
W/O POST



REV	DATE	MODIFICATION DESCRIPTION	CHANGE	DIM	TOL	APPROVE	DATE	PROJ.	PART NO.	TITLE:	Customer NO.
A3	2025/05/30	Standardization Drawing	CP	OPERATION	DRAW	DATE	SCALE	Fit	1125-21XXXXMXXXCRXX	<p>WCON 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: sales@wcon.com</p>	
A2	2023/02/03	Add Flatness	DuYing	x.X ±0.40	CP	2025/05/30	UNIT	mm	<p>PH2.54 SINGLE ROW DOUBLE PLASTIC SMT H=2.5</p>		
A1	2018/01/22	Modify P/N	Ruipeng	x.XX ±0.25	CHECK	DATE	SIZE	A4			
A0	2012/05/17	NEW	William Chen	x.XXX ±0.15	TANG	2025/05/30	SHEET	1/6			
				Angle ± 3'	APPROVE	DATE					
					Steven Zhao	2025/05/30					

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Packing:



A3	2025/05/30	Standardization Drawing	CP	OPERATION	DRAW	DATE	SCALE	Fit	PART NO. 1125-21XXXXMXXCRXX
A2	2023/02/03	Add Flatness	DuYing	x.X ±0.40	CP	2025/05/30	UNIT	mm	
A1	2018/01/22	Modify P/N	Ruipeng	x.XX ±0.25	CHECK	DATE	SIZE	A4	TITLE: PH2.54 SINGLE ROW DOUBLE PLASTIC SMT H=2.5
A0	2012/05/17	NEW	William Chen	x.XXX ±0.15	TANG	2025/05/30	SHEET	2/6	
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3'	APPROVE	DATE	PROJ.	Customer NO.	
				DIM TOL	Steven Zhao	2025/05/30			

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Table 1 

Item	L	E	C	D	W	B	Mating
Standard	12.8	7.44	6.5	0.3	4.83	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
	14.2	4.0	2145/2150				
	15.0	5.0	2168T/2171T				
	16.0	5.84	2171/2185X				
	15.0	3.5	2135/2150T/2157				
	15.5	9.5	8.66	0.2		4.0	2145/2150
	16.5					5.0	2168T/2171T
	17.3					5.84	2171/2185X
	17.5					3.5	2135/2150T/2157
	18.0					4.0	2145/2150
	19.0	12.04	10.8	0.6		5.0	2168T/2171T
	19.8					5.84	2171/2185X
	20.0					3.5	2135/2150T/2157
	20.5					4.0	2145/2150
	21.5					5.0	2168T/2171T
	22.3	14.6	13.66	0.3		5.84	2171/2185X
	22.7					3.5	2135/2150T/2157
	23.0					4.0	2145/2150
	24.0					5.0	2168T/2171T
	25.0					5.84	2171/2185X
	Alternate						

Packaging Quantity Refers To The Following Table

PINS	Q'ty/Tube	Q'ty/Inner Box	Q'ty/Box
4	54	4,320	8,640
5	44	3,520	7,040
6	37	2,960	5,920
7	32	2,560	5,120
8	28	2,240	4,480
9	24	1,920	3,840
10	22	1,760	3,520
11	20	1,600	3,200
12	18	1,440	2,880
13	17	1,360	2,720
14	16	1,280	2,560
15	15	1,200	2,400
16	14	1,120	2,240
17	13	1,040	2,080
18	12	960	1,920
19	11	880	1,760
20	11	880	1,760
21	10	800	1,600
22	10	800	1,600

PINS	Q'ty/Tube	Q'ty/Inner Box	Q'ty/Box
23	9	720	1,440
24	9	720	1,440
25	9	720	1,440
26	8	640	1,280
27	8	640	1,280
28	8	640	1,280
29	7	560	1,120
30	7	560	1,120
31	7	560	1,120
32	7	560	1,120
33	6	480	960
34	6	480	960
35	6	480	960
36	6	480	960
37	6	480	960
38	5	400	800
39	5	400	800
40	5	400	800

A3	2025/05/30	Standardization Drawing	CP	OPERATION	DRAW	DATE	SCALE	Fit	PART NO.	 Http: www.wcon.com 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	2023/02/03	Add Flatness	DuYing	x.x ±0.40	CP	2025/05/30	UNIT	mm	TITLE:	
A1	2018/01/22	Modify P/N	Ruipeng	x.xx ±0.25	CHECK	DATE	SIZE	A4	PH2.54 SINGLE ROW	
A0	2012/05/17	NEW	William Chen	x.xxx ±0.15	TANG	2025/05/30	SHEET	3/6	DOUBLE PLASTIC SMT H=2.5	
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3°	APPROVE	DATE	PROJ.	Customer NO.		
				DIM TOL	Steven Zhao	2025/05/30				

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Packaging Quantity Refers To The Following Table

E=7.44,B=3.5/4.0/5.0


PINS	W	Q'ty/Reel	Q'ty/Inner Box	Q'ty/Box
2	24	250	750	2,250
3	24	250	750	2,250
4	32	250	500	1,500
5	32	250	500	1,500
6	44	250	500	1,500
7	44	250	500	1,500
8	44	250	500	1,500
9	44	250	500	1,500
10	56	250	250	750
11	56	250	250	750
12	56	250	250	750
13	56	250	250	750
14	56	250	250	750
15	72	250	250	750
16	72	250	250	750
17	72	250	250	750
18	72	250	250	750
19	72	250	250	750
20	72	250	250	750
21	88	250	250	750
22	88	250	250	750
23	88	250	250	750
24	88	250	250	750

E=7.44,B=5.84

PINS	W	Q'ty/Reel	Q'ty/Inner Box	Q'ty/Box
2	24	210	630	1,890
3	32	210	420	1,260
4	32	210	420	1,260
5	44	210	420	1,260
6	44	210	420	1,260
7	44	210	420	1,260
8	44	210	420	1,260
9	56	210	210	630
10	56	210	210	630
11	56	210	210	630
12	56	210	210	630
13	56	210	210	630
14	72	210	210	630
15	72	210	210	630
16	72	210	210	630
17	72	210	210	630
18	72	210	210	630
19	72	210	210	630
20	88	210	210	630
21	88	210	210	630
22	88	210	210	630
23	88	210	210	630
24	88	210	210	630

E=8.24,B=3.5/4.0

PINS	W	Q'ty/Reel	Q'ty/Inner Box	Q'ty/Box
2	24	250	750	2,250
3	24	250	750	2,250
4	32	250	500	1,500
5	32	250	500	1,500
6	44	250	500	1,500
7	44	250	500	1,500
8	44	250	500	1,500
9	44	250	500	1,500
10	56	250	250	750
11	56	250	250	750
12	56	250	250	750
13	56	250	250	750
14	56	250	250	750
15	72	250	250	750
16	72	250	250	750
17	72	250	250	750
18	72	250	250	750
19	72	250	250	750
20	72	250	250	750
21	88	250	250	750
22	88	250	250	750
23	88	250	250	750
24	88	250	250	750

A3	2025/05/30	Standardization Drawing	CP	OPERATION		DRAW	DATE	SCALE	Fit	PART NO. 1125-21XXXXMXXCRXX		 Http: www.wcon.com 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	2023/02/03	Add Flatness	DuYing	x.X	±0.40	CP	2025/05/30	UNIT	mm	TITLE: PH2.54 SINGLE ROW DOUBLE PLASTIC SMT H=2.5		
A1	2018/01/22	Modify P/N	Ruipeng	x.XX	±0.25	CHECK	DATE	SIZE	A4			
A0	2012/05/17	NEW	William Chen	x.XXX	±0.15	TANG	2025/05/30	SHEET	4/6			
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle	± 3'	APPROVE	DATE	PROJ.	⊕	Customer NO.		
				DIM	TOL	Steven Zhao	2025/05/30					

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Packaging Quantity Refers To The Following Table

E=8.24,B=5.0/5.84


E=9.50,B=3.5/4.0/5.0/5.84

E=12.04,B=3.5/4.0

PINS	W	Q'ty/Reel	Q'ty/Inner Box	Q'ty/Box
2	24	210	630	1,890
3	24	210	630	1,890
4	32	210	420	1,260
5	44	210	420	1,260
6	44	210	420	1,260
7	44	210	420	1,260
8	44	210	420	1,260
9	56	210	210	630
10	56	210	210	630
11	56	210	210	630
12	56	210	210	630
13	56	210	210	630
14	72	210	210	630
15	72	210	210	630
16	72	210	210	630
17	72	210	210	630
18	72	210	210	630
19	72	210	210	630
20	88	210	210	630
21	88	210	210	630
22	88	210	210	630
23	88	210	210	630
24	88	210	210	630

PINS	W	Q'ty/Reel	Q'ty/Inner Box	Q'ty/Box
2	24	210	630	1,890
3	32	210	420	1,260
4	32	210	420	1,260
5	44	210	420	1,260
6	44	210	420	1,260
7	44	210	420	1,260
8	44	210	420	1,260
9	56	210	210	630
10	56	210	210	630
11	56	210	210	630
12	56	210	210	630
13	72	210	210	630
14	72	210	210	630
15	72	210	210	630
16	72	210	210	630
17	72	210	210	630
18	72	210	210	630
19	72	210	210	630
20	88	210	210	630
21	88	210	210	630
22	88	210	210	630
23	88	210	210	630
24	88	210	210	630

PINS	W	Q'ty/Reel	Q'ty/Inner Box	Q'ty/Box
2	24	210	630	1,890
3	32	210	420	1,260
4	32	210	420	1,260
5	44	210	420	1,260
6	44	210	420	1,260
7	44	210	420	1,260
8	44	210	420	1,260
9	56	210	210	630
10	56	210	210	630
11	56	210	210	630
12	56	210	210	630
13	72	210	210	630
14	72	210	210	630
15	72	210	210	630
16	72	210	210	630
17	72	210	210	630
18	72	210	210	630
19	72	210	210	630
20	88	210	210	630
21	88	210	210	630
22	88	210	210	630
23	88	210	210	630
24	88	210	210	630

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A1	2018/01/22	Modify P/N	Ruipeng	x.xx ±0.25	CHECK	DATE	SIZE	A4	PH2.54 SINGLE ROW	
A0	2012/05/17	NEW	William Chen	x.xxx ±0.15	TANG	2025/05/30	SHEET	5/6	DOUBLE PLASTIC SMT H=2.5	
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3°	APPROVE	DATE	PROJ.	Customer NO.		
				DIM TOL	Steven Zhao	2025/05/30				

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Packaging Quantity Refers To The Following Table

E=12.04,B=4.0/5.0/5.84

PINS	W	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=14.60,B=3.5/4.0

PINS	W	Q'ty/Reel	Q'ty/Inner Box	Q'ty/Box
2	32	130	260	780
3	32	130	260	780
4	44	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	72	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=14.60,B=5.0/5.84//E=17.24,B=3.5/4.0

PINS	W	Q'ty/Reel	Q'ty/Inner Box	Q'ty/Box
2	32	100	200	600
3	32	100	200	600
4	44	100	200	600
5	44	100	200	600
6	44	100	200	600
7	56	100	100	300
8	56	100	100	300
9	56	100	100	300
10	56	100	100	300
11	56	100	100	300
12	72	100	100	300
13	72	100	100	300
14	72	100	100	300
15	72	100	100	300
16	72	100	100	300
17	72	100	100	300
18	88	100	100	300
19	88	100	100	300
20	88	100	100	300
21	88	100	100	300
22	88	100	100	300
23	88	100	100	300
24	88	100	100	300

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REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3'	APPROVE	DATE	PROJ.	Customer NO.		
				DIM TOL	Steven Zhao	2025/05/30				