

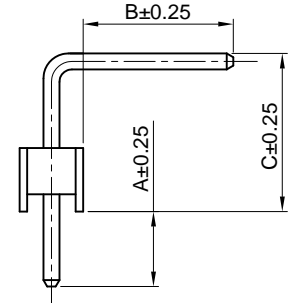
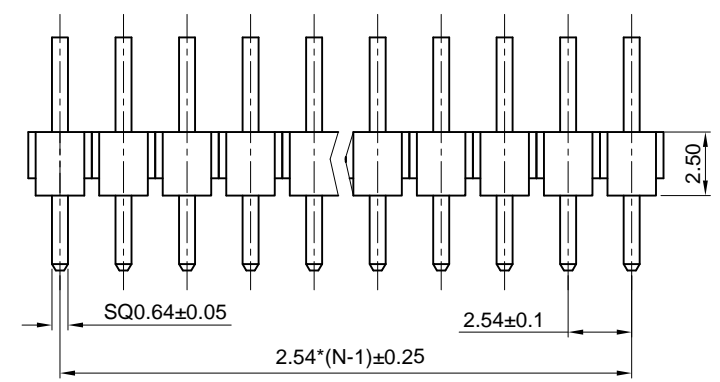
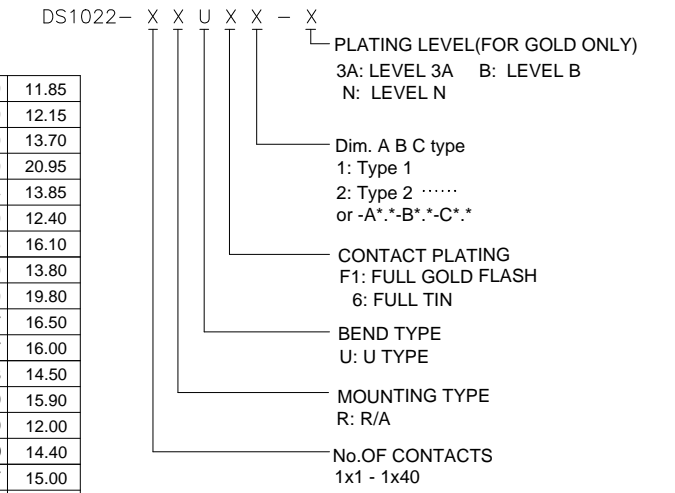
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# U TYPE

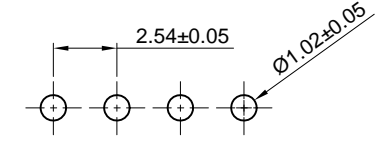
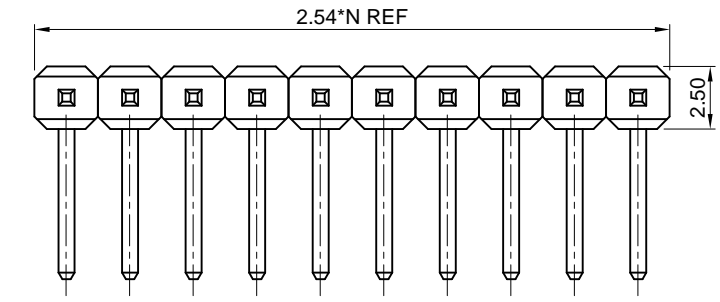
REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	LJH 09/15/05'		LJC 09/15/05'
M	DRAWING UPDATE	JLZ 12/17/18'		

**NOTES:**

- SPECIFICATIONS:**
- CONTACT RESISTANCE: 20mΩ MAX.
  - INSULATION RESISTANCE: 1000MΩ MIN.
  - DIELECTRIC WITHSTANDING VOLTAGE: 600V AC(RMS) FOR 1 MINUTE.
  - CURRENT RATING:3A.
  - VOLTAGE RATING:250V AC RMS.
  - TEMPERATURE: -40°C~+105°C.
- MATERIALS:**
- CONTACT MATERIAL: COPPER ALLOY.
  - CONTACT PLATING: GOLD PLATING OVER NICKEL.
  - INSULATOR MATERIALS: PBT,BLACK,UL94-V0.
- PRODUCT NUMBER CODE:**



N: NUMBER OF CONTACTS



RECOMMEND P.C.BOARD LAYOUT

TABLE A:

TYPE	Dimension			Pin Length (mm)
	A	B	C	
1	3.00	6.00	6.07	15.50
2	4.00	6.90	3.40	14.70
3	6.00	11.40	5.64	23.40
4	3.75	3.40	3.40	11.00
5	2.80	4.00	3.40	10.60
6	5.85	7.90	3.40	17.50
7	3.60	3.20	3.40	10.60
8	6.30	3.20	4.36	14.20
9	3.00	6.00	5.42	15.00
10	3.64	5.76	6.48	16.30
11	3.00	6.00	5.00	14.40
12	3.10	3.40	3.40	10.50
13	6.00	4.90	3.40	14.70
14	6.30	3.00	3.40	13.10
15	6.20	3.70	3.60	14.00
16	3.00	6.30	4.20	14.00
17	2.30	5.11	5.30	13.10
18	6.20	3.80	3.40	13.80
19	4.70	4.70	4.20	14.00
20	4.00	6.93	5.50	16.85
21	2.50	5.40	4.50	12.80
22	5.10	3.50	4.00	13.10
23	3.00	4.40	4.00	11.85
24	3.00	4.75	4.00	12.15
25	4.70	4.80	3.70	13.70
26	3.00	12.50	5.00	20.95
27	5.80	4.30	3.34	13.85
28	2.50	5.20	4.30	12.40
29	3.00	6.20	6.45	16.10
30	3.00	6.00	4.30	13.80
31	7.50	7.80	4.00	19.80
32	3.00	7.00	6.07	16.50
33	3.00	6.00	6.57	16.00
34	6.00	4.40	3.68	14.50
35	3.07	5.92	6.50	15.90
36	3.30	3.15	5.10	12.00
37	3.00	6.50	4.50	14.40
38	3.00	6.50	5.07	15.00
39	6.00	2.40	4.20	13.00
40	6.10	3.20	4.36	14.10
41	4.20	4.20	4.20	13.00
42	2.60	11.00	8.20	22.20
43	3.00	6.00	4.00	13.40
44	5.72	5.10	4.26	15.50
45	3.00	3.00	4.00	10.50
46	3.00	5.80	6.50	15.80

A/B/C: CUSTOMER LENGTH AVAILABLE

47	3.30	5.80	4.36	14.00
48	3.50	6.32	5.50	15.70
49	4.00	7.90	3.30	15.70
50	3.50	2.20	4.30	10.50
51	3.00	3.00	4.30	10.80
52	3.00	5.20	3.80	12.50

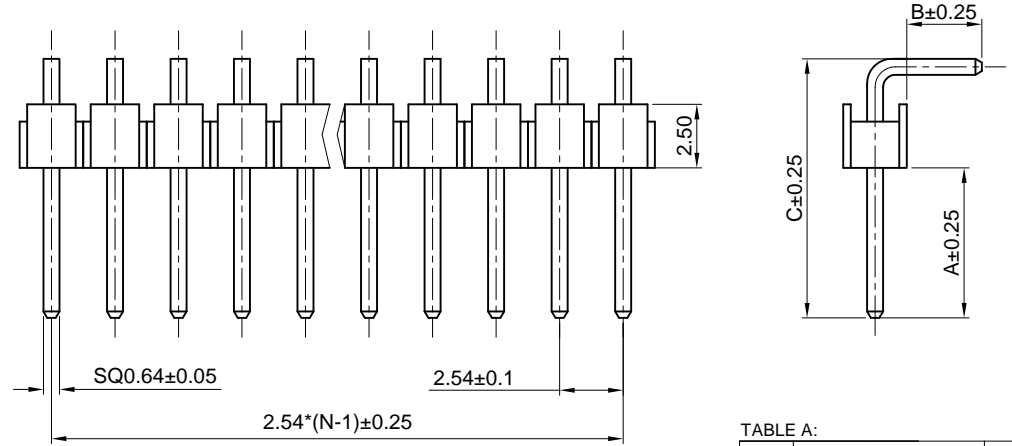
GENERAL TOLERANCE		ANGLE TOLERANCE		PROJECTION	TITLE
X.	±0.60	X.	±5°		2.54mm PIN HEADER R/A TYPE
.X	±0.38	.X	±3°	mm	SINGLE ROW U TYPE
.XX	±0.25	.XX	±2°	SHEET SIZE	A4
DRAWING TYPE		CUSTOMER		SHEET	DS1022 SERIES
SCALE		1:1	SHEET	1 OF 5	
DRAWING NO.		C-DS1022-1xXXUXX-X-M			

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 CONNFLY CONNFLY ELECTRONIC CO. LTD

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# D TYPE

REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	LJH 09/15/05'		LJC 09/15/05'
L	DRAWING UPDATE	JLZ 12/17/18'		



- NOTES:**
- SPECIFICATIONS:**
- CONTACT RESISTANCE: 20mΩ MAX.
  - INSULATION RESISTANCE: 1000MΩ MIN.
  - DIELECTRIC WITHSTANDING VOLTAGE: 600V AC(RMS) FOR 1 MINUTE.
  - CURRENT RATING:3A.
  - VOLTAGE RATING:250V AC RMS.
  - TEMPERATURE: -40°C~+105°C.
- MATERIALS:**
- CONTACT MATERIAL: COPPER ALLOY.
  - CONTACT PLATING: GOLD PLATING OVER NICKEL.
  - INSULATOR MATERIALS: PBT,BLACK,UL94-V0.
- PRODUCT NUMBER CODE:**

N: NUMBER OF CONTACTS

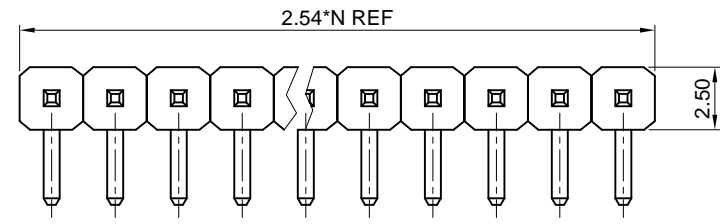
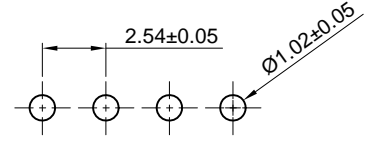
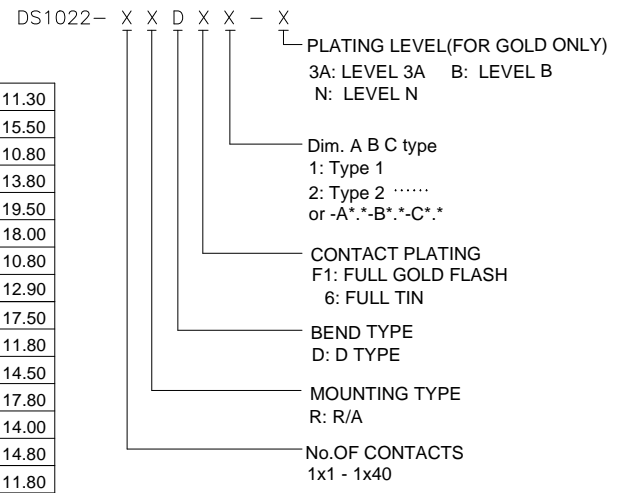


TABLE A:

TYPE	Dimension			Pin Length (mm)
	A	B	C	
1	6.00	3.00	10.36	13.80
2	6.00	4.50	9.50	14.40
3	6.10	4.00	10.40	14.80
4	6.00	3.20	10.50	14.10
5	6.00	3.50	10.82	14.70
6	4.70	1.73	8.20	10.40
7	15.00	3.00	19.08	22.50
8	6.00	3.10	11.10	14.40
9	1.00	1.91	5.00	7.40
10	6.20	3.20	11.10	14.70
11	6.20	3.20	10.8	14.40
12	4.50	2.93	8.00	11.40
13	6.30	2.60	10.36	13.40
14	5.70	2.95	9.52	12.90
15	4.80	3.00	8.10	11.50
16	6.00	3.00	9.14	12.60
17	7.20	3.00	10.36	13.80
18	3.00	6.00	7.50	13.80
19	3.00	6.00	9.32	15.80
20	3.50	3.00	7.86	11.30
21	5.00	2.70	8.14	11.30
22	8.20	2.80	12.30	15.50
23	3.00	3.00	7.36	10.80
24	6.50	3.00	10.36	13.80
25	6.80	8.40	10.64	19.50
26	10.00	3.20	14.40	18.00
27	3.50	2.50	7.82	10.80
28	6.00	3.00	9.50	12.90
29	7.00	3.10	13.90	17.50
30	4.00	3.00	8.36	11.80
31	3.00	5.40	8.65	14.50
32	4.50	4.50	8.82	17.80
33	3.20	6.00	7.50	14.00
34	3.80	6.00	8.30	14.80
35	3.00	3.40	8.00	11.80
36	3.80	3.00	7.93	11.20
37	16.4	13.00	19.60	33.00
38	3.20	3.20	7.20	11.00
39				
40				
41				
42				



RECOMMEND P.C. BOARD LAYOUT

A/B/C: CUSTOMER LENGTH AVAILABLE

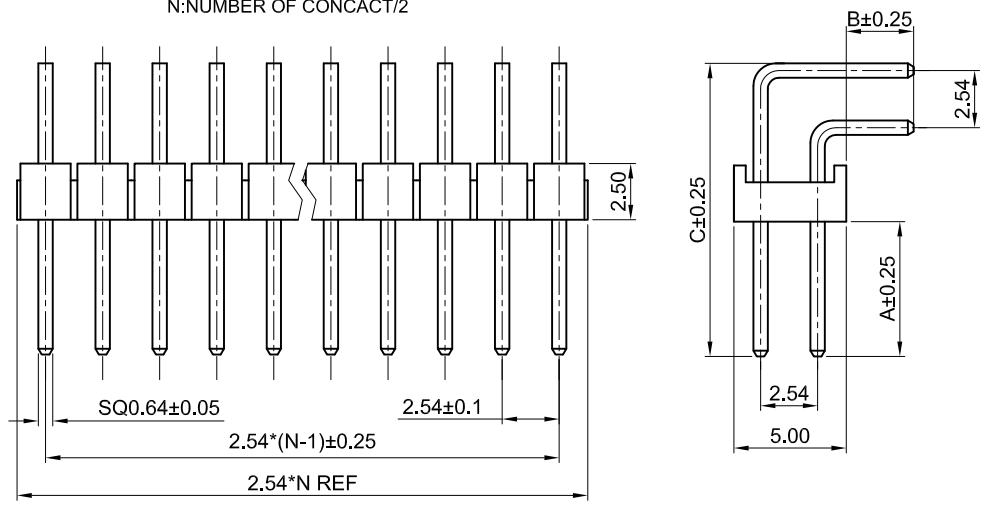
GENERAL TOLERANCE		ANGLE TOLERANCE		PROJECTION		TITLE	2.54mm PIN HEADER R/A TYPE
X.	±0.60	X.	±5°	UNITS	mm	SINGLE ROW D TYPE	
.X	±0.38	.X	±3°	SHEET SIZE	A4	SERIES	DS1022 SERIES
.XX	±0.25	.XX	±2°	<b>晨翔电子有限公司</b> CONNFLY CONNFLY ELECTRONIC CO. LTD			
DRAWING TYPE		CUSTOMER					
SCALE	1:1	SHEET	2 OF 5				
DRAWING NO.		C-DS1022-1xXXDX-X-L					

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1 2 3 4 5 6 7 8

REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	LJH 09/15/05'		LJC 09/15/05'
L	DRAWING UPDATE	JLZ 12/17/18'		

RIGHT ANGLE TYPE  
N:NUMBER OF CONTACT/2



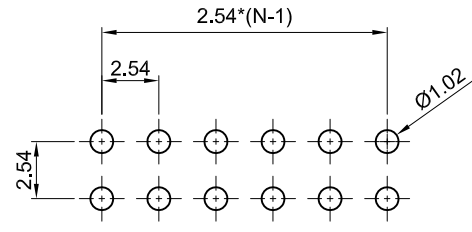
- NOTES:  
SPECIFICATIONS:
- CONTACT RESISTANCE: 20mΩ MAX.
  - INSULATION RESISTANCE: 1000MΩ MIN.
  - DIELECTRIC WITHSTANDING VOLTAGE: 600V AC(RMS) FOR 1 MINUTE.
  - CURRENT RATING:3A.
  - VOLTAGE RATING:250V AC RMS.
  - TEMPERATURE: -40°C~+105°C.
- MATERIALS:
- CONTACT MATERIAL: COPPER ALLOY.
  - CONTACT PLATING: GOLD PLATING OVER NICKEL.
  - INSULATOR MATERIALS: PBT,BLACK,UL94-V0.

PRODUCT NUMBER CODE:  
DS1022- X X X X - X

- PLATING LEVEL(FOR GOLD ONLY)  
3A: LEVEL 3A B: LEVEL B  
N: LEVEL N
- Dim. A B C type  
1: Type 1  
2: Type 2 .....  
or -A\* \*-B\* \*-C\*\*
- CONTACT PLATING  
F1: FULL GOLD FLASH  
6: FULL TIN
- MOUNTING TYPE  
R: R/A
- No.OF CONTACTS  
2x1 - 2x40

RIGHT ANGLE  
TABLE A:

TYPE	Dimension			Pin Length (mm)	TYPE	Dimension			Pin Length (mm)
	A	B	C			A	B	C	
1	6.00	3.00	13.04	14.00 19.00	12	3.00	3.00	9.90	10.80 15.80
2	6.10	4.00	12.94	15.00 20.00	13	6.00	3.50	13.04	14.50 19.50
3	6.00	4.00	12.76	14.80 19.80	14	3.00	9.00	11.90	18.80 23.80
4	9.00	3.00	16.04	17.00 22.00	15				
5	6.00	3.00	13.80	14.80 19.80	16				
6	5.10	3.00	13.04	14.00 19.00	17				
7	6.50	3.00	13.10	14.00 19.00	18				
8	3.00	6.00	9.32	18.30 13.20	19				
9	3.00	3.00	10.90	11.80 16.80	20				
10	7.00	3.10	13.90	15.00 20.00	21				
11	4.00	3.00	10.76	11.80 16.80	22				



GENERAL TOLERANCE	ANGLE TOLERANCE	PROJECTION		TITLE	2.54mm PIN HEADER R/A TYPE
X. ±0.60	X. ±5°	UNITS	mm	DOUBLE ROW	
.X ±0.38	.X ±3°	SHEET SIZE	A4	SERIES	DS1022 SERIES
.XX ±0.25	.XX ±2°	晨翔电子有限公司 <b>CONNELY CONNELY ELECTRONIC CO. LTD</b>			
DRAWING TYPE	CUSTOMER				
SCALE	1:1 SHEET 3 OF 5				
DRAWING NO.	C-DS1022-2xXXX-X-L				

1 2 3 4 5 6 7 8

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1 2 3 4 5 6 7 8

REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	LJC 09/13/13'		LJC 09/13/13'
B	ADD P/N CODE	LJC 12/08/13'		LJC 12/08/13'
C	DRAWING UPDATE	JLZ 12/17/18'		

RIGHT ANGLE TYPE  
N:NUMBER OF CONCACT/3

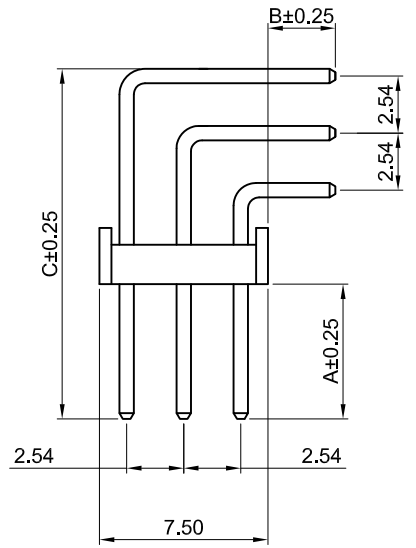
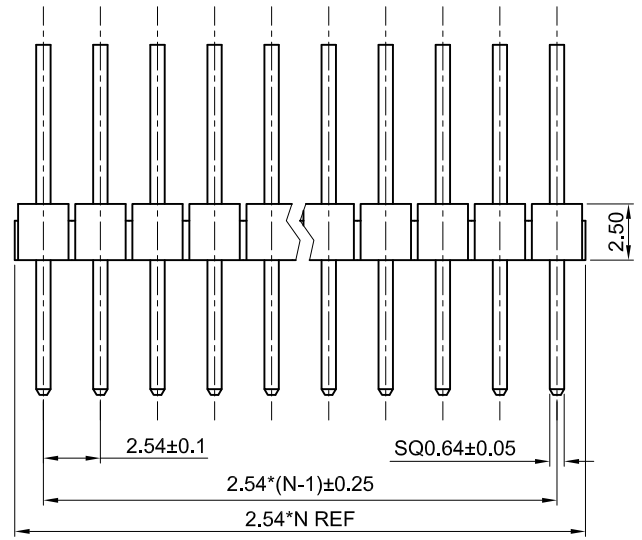
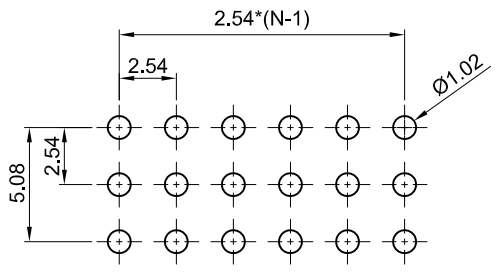


TABLE A:

TYPE	Dimension			Pin Length (mm) Short: 14.0 Middle: 19.0 Long: 24.0
	A	B	C	
1	6.00	3.00	15.58	



RECOMMEND PCB LAYOUT  
(TOLERANCE ±0.05)

NOTES:

SPECIFICATIONS:

- CONTACT RESISTANCE: 20mΩ MAX.
- INSULATION RESISTANCE: 1000MΩ MIN.
- DIELECTRIC WITHSTANDING VOLTAGE: 600V AC(RMS) FOR 1 MINUTE.
- CURRENT RATING:3A.
- VOLTAGE RATING:250V AC RMS.
- TEMPERATURE: -40°C~+105°C.

MATERIALS:

- CONTACT MATERIAL: COPPER ALLOY.
- CONTACT PLATING: GOLD PLATING OVER NICKEL.
- INSULATOR MATERIALS: PBT,BLACK,UL94-V0.

PRODUCT NUMBER CODE:

DS1022- X X X X - X

- PLATING LEVEL(FOR GOLD ONLY)  
3A: LEVEL 3A B: LEVEL B  
N: LEVEL N
- Dim. A B C type  
1: Type 1 .....  
or -A\*.-B\*.-C\*.\*
- CONTACT PLATING  
F1: FULL GOLD FLASH  
6: FULL TIN
- MOUNTING TYPE  
R: R/A
- No.OF CONTACTS  
3x1 - 3x40

GENERAL TOLERANCE	ANGLE TOLERANCE
X. ±0.60	X. ±5°
.X ±0.38	.X ±3°
.XX ±0.25	.XX ±2°

PROJECTION		TITLE	2.54mm PIN HEADER R/A TYPE
UNITS	mm		TREBLE ROW
SHEET SIZE	A4	SERIES	DS1022 SERIES

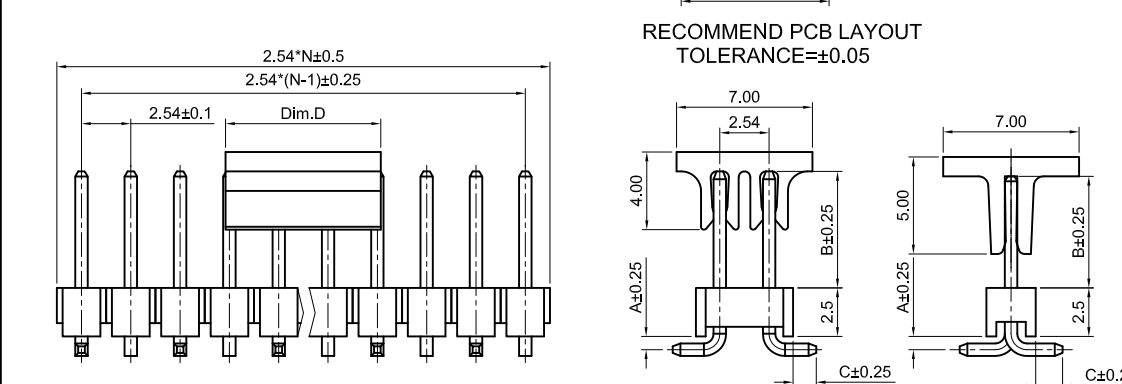
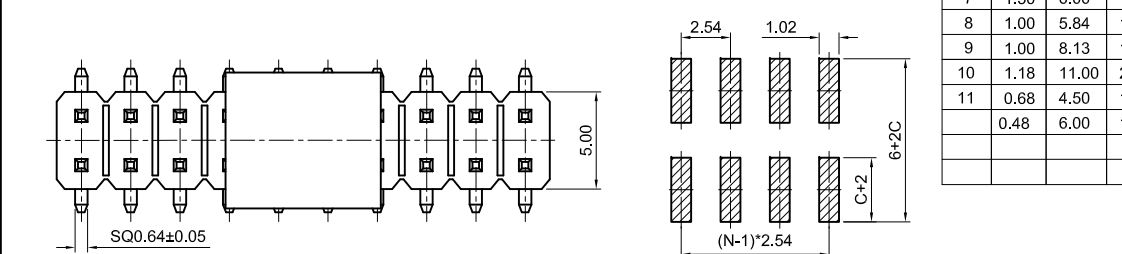
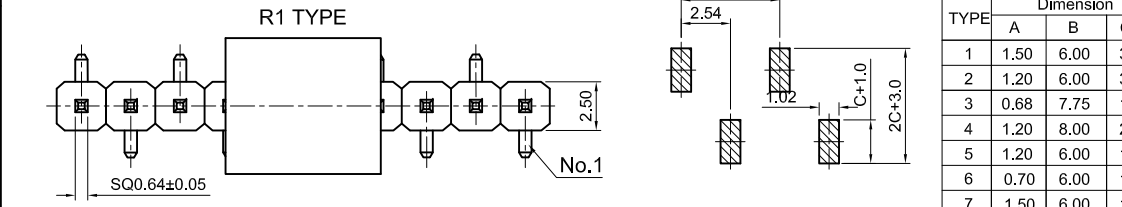
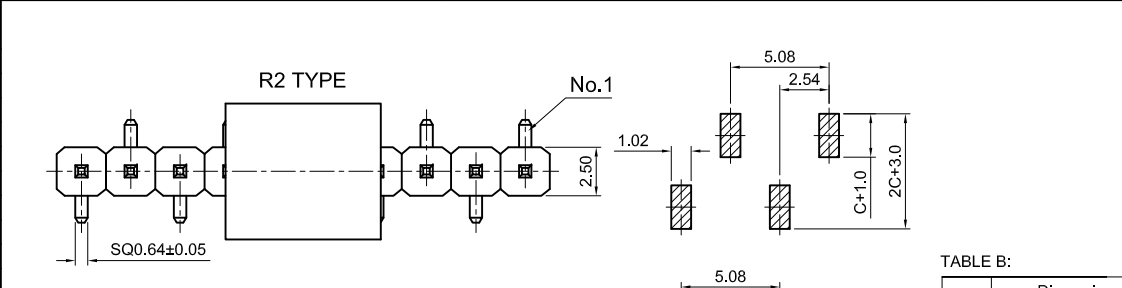
DRAWING TYPE	CUSTOMER
SCALE	1:1 SHEET 4 OF 5
DRAWING NO.	C-DS1022-3xXXX-X-C

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**CONNFLY CONNFLY ELECTRONIC CO. LTD**

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1                      2                      3                      4                      5                      6                      7                      8



N=No. OF CONTACTS(SINGLE ROW)  
 N=No. OF CONTACTS/2(DOUBLE ROW)

pos.	Dim.	Dim.D
2~4pin		5.0mm
5~40pin		8.0mm
Single Row		7.0mm

REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	YCH 11/19/10'		LJC 11/19/10'
E	DRAWING UPDATE	JLZ 12/17/18'		

- NOTES:  
 SPECIFICATIONS:  
 1. CONTACT RESISTANCE: 20mΩ MAX.  
 2. INSULATION RESISTANCE: 1000MΩ MIN.  
 3. DIELECTRIC WITHSTANDING VOLTAGE: 600V AC(RMS) FOR 1 MINUTE.  
 4. CURRENT RATING:3A.  
 5. VOLTAGE RATING:250V AC RMS.  
 6. TEMPERATURE: -40°C~+105°C.

- MATERIALS:  
 1. CONTACT MATERIAL: COPPER ALLOY.  
 2. CONTACT PLATING: GOLD PLATING OVER NICKEL.  
 3. INSULATOR MATERIALS: HIGH TEMP,BLACK,UL94-V0.

PRODUCT NUMBER CODE:  
 DS1022- X X M X X X X - X

- X: PLATING LEVEL(FOR GOLD ONLY)
- 3A: LEVEL 3A B: LEVEL B
- P: PACKING TYPE
- T: TRAY
- R: TAPE ON REEL
- B: TUBE
- S: PICK UP SUPPORT
- S: W/ PICK UP
- X: W/O PICK UP
- Dim. A B C type
- 1: Type 1.....
- or -A\*.\*B\* \*-C\*.\*
- F: CONTACT PLATING
- F1: FULL GOLD FLASH
- 6: FULL TIN
- B: BEND TYPE (SINGLE ROW ONLY)
- A: R1 TYPE
- B: R2 TYPE
- M: MOUNTING TYPE
- M: SMT
- No.OF CONTACTS
- 1x2 - 1x40
- 2x2 - 2x40

TABLE B:

TYPE	Dimension			Pin Length (mm)
	A	B	C	
1	1.50	6.00	3.00	13.80
2	1.20	6.00	3.00	13.50
3	0.68	7.75	1.20	12.90
4	1.20	8.00	2.50	14.90
5	1.20	6.00	1.20	11.70
6	0.70	6.00	1.40	11.30
7	1.50	6.00	1.20	11.90
8	1.00	5.84	1.40	11.60
9	1.00	8.13	1.40	13.80
10	1.18	11.00	2.50	17.90
11	0.68	4.50	1.40	10.00
	0.48	6.00	1.25	11.00

GENERAL TOLERANCE		ANGLE TOLERANCE	
X.	±0.60	X.	±5°
.X	±0.38	.X	±3°
.XX	±0.25	.XX	±2°

DRAWING TYPE	CUSTOMER
SCALE	1:1 SHEET 5 OF 5
DRAWING NO.	C-DS1022-XMXXXXX-X-E

PROJECTION		TITLE	PIN HEADER PITCH 2.54mm SMT TYPE
UNITS	mm	SERIES	DS1022 SERIES

**晨翔电子有限公司**  
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1                      2                      3                      4                      5                      6                      7                      8

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