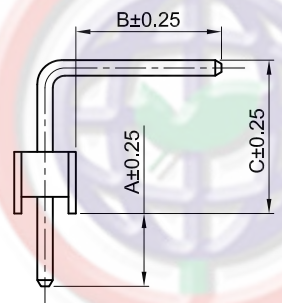
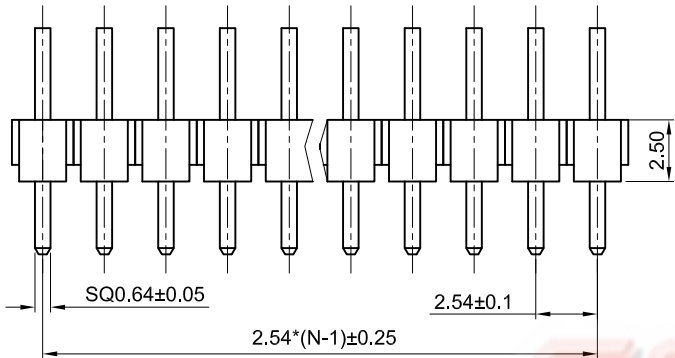


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 ED 1  
 IE 1  
 ISO 1  
 PD 1  
 R&D 1  
 SD 1  
 QA 1  
 QC 1  
 QF 1

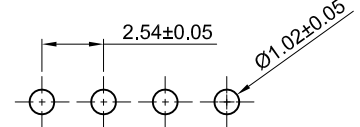
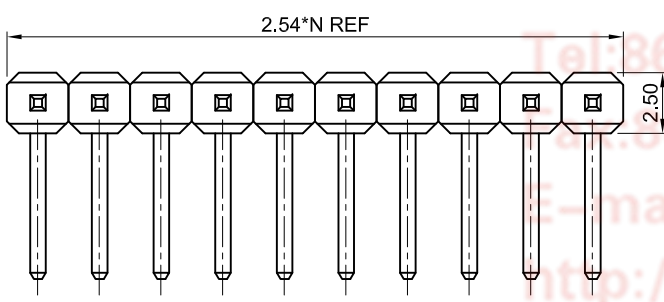
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# U TYPE

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



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

NOTES:

SPECIFICATIONS:

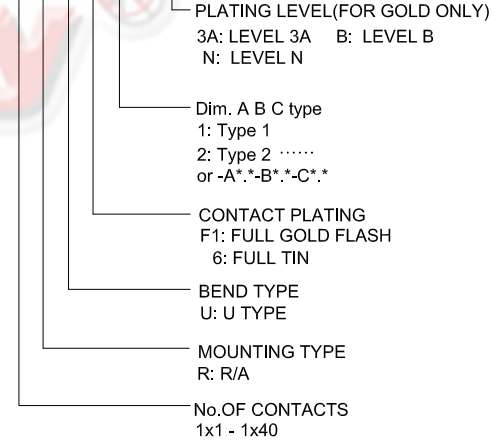
- CONTACT RESISTANCE: 20mΩ MAX.
- INSULATION RESISTANCE: 1000MΩ MIN.
- DIELECTRIC WITHSTANDING VOLTAGE: 600V AC(RMS) FOR 1 MINUTE.
- CURRENT RATING:3A.
- VOLTAGE RATING:250V AC RMS.
- TEMPERATURE: -40°C~+105°C.

MATERIALS:

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

PRODUCT NUMBER CODE:

DS1022- X U X X X - X



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	
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
SHEET SIZE	A4
SERIES	DS1022 SERIES

DRAWING TYPE	CUSTOMER
SCALE	1:1
DRAWING NO.	C-DS1022-1xXXUXX-X-M

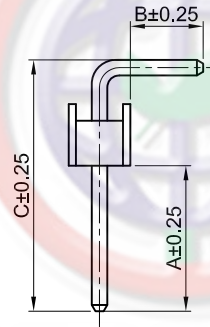
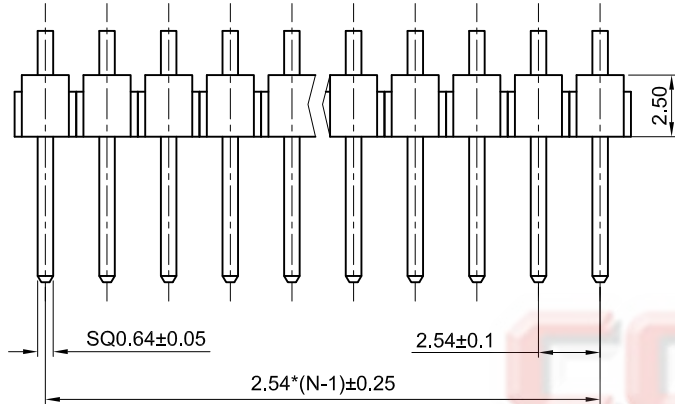
晨翔电子有限公司  
**CONNFLY CONNELY ELECTRONIC CO. LTD**

Dept  
Qty  
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ED 1  
IE 1  
ISO 1  
PD 1  
R&D 1  
SD 1  
QA 1  
QC 1  
QE 1

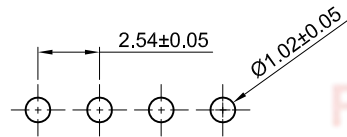
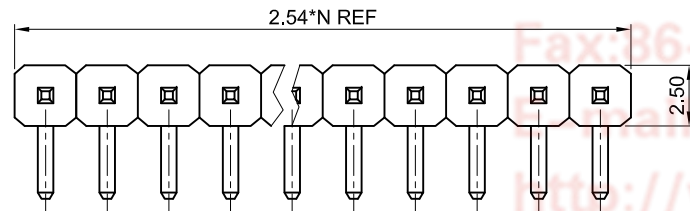
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# D TYPE

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



N: NUMBER OF CONTACTS



RECOMMEND P.C.BOARD LAYOUT

TABLE A:

TYPE	Dimension			Pin Length (mm)	21	5.00	2.70	8.14	11.30
	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					

A/B/C: CUSTOMER LENGTH AVAILABLE

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℃~+105℃.

MATERIALS:

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

PRODUCT NUMBER CODE:

DS1022- X D 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

BEND TYPE  
D: D TYPE

MOUNTING TYPE  
R: R/A

No.OF CONTACTS  
1x1 - 1x40

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 2 OF 5
DRAWING NO.	C-DS1022-1xXXDXX-X-L

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

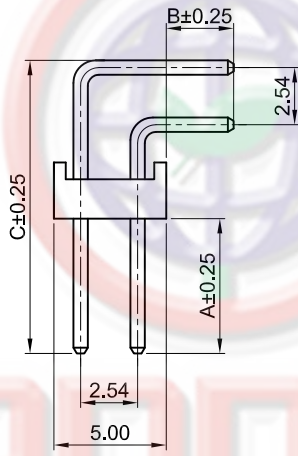
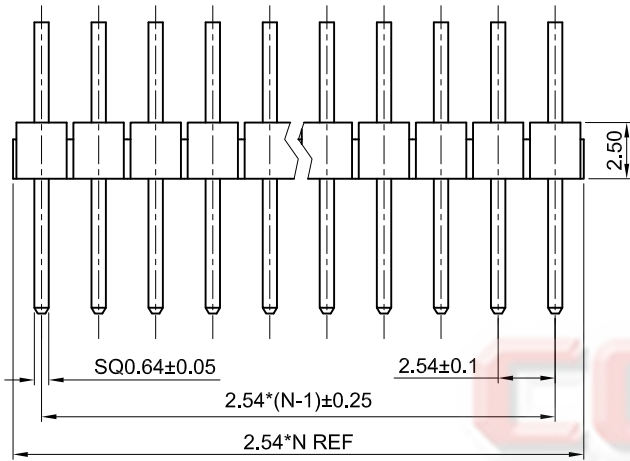
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1 2 3 4 5 6 7 8

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 CONCACT/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\*\*

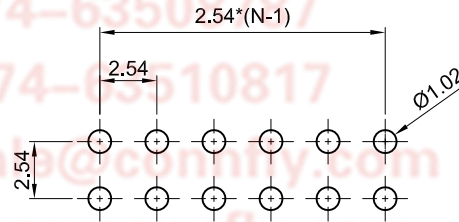
CONTACT PLATING  
F1: FULL GOLD FLASH  
6: FULL TIN

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



RECOMMEND PCB LAYOUT  
(TOLERANCE ±0.05)

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

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CONNFLY CONNELY ELECTRONIC CO. LTD

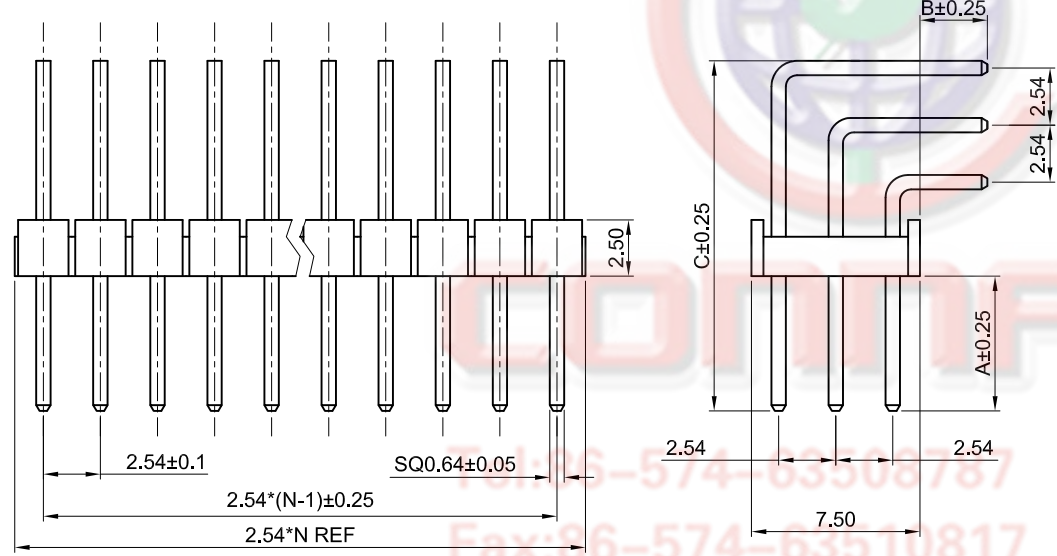
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1 2 3 4 5 6 7 8

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



- 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.

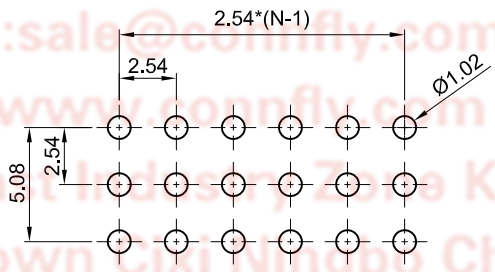
- MATERIALS:
- CONTACT MATERIAL: COPPER ALLOY.
  - CONTACT PLATING: GOLD PLATING OVER NICKEL.
  - INSULATOR MATERIALS: PBT,BLACK,UL94-V0.
- PRODUCT NUMBER CODE:

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

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	



GENERAL TOLERANCE		ANGLE TOLERANCE		PROJECTION		TITLE	2.54mm PIN HEADER R/A TYPE
X.	±0.60	X.	±5°	UNITS	mm	TREBLE 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 CONNFLY CONNELY ELECTRONIC CO. LTD			
DRAWING TYPE		CUSTOMER					
SCALE	1:1	SHEET	4 OF 5				
DRAWING NO.		C-DS1022-3xXXX-X-C					

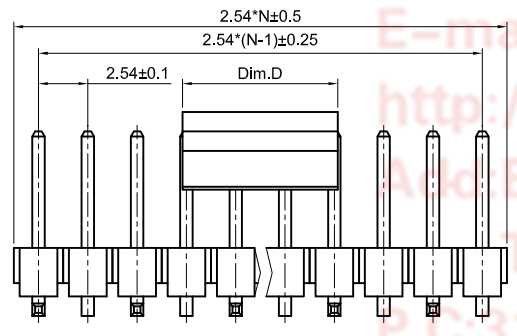
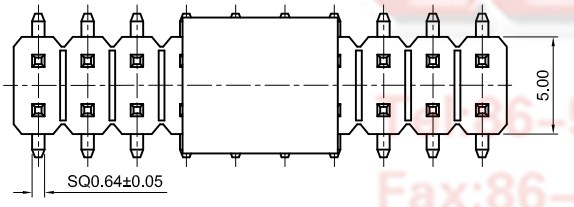
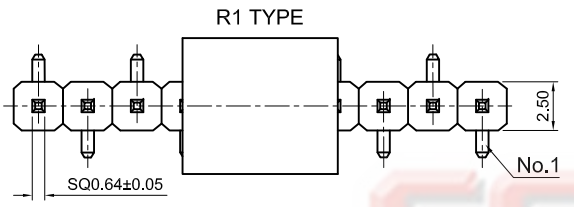
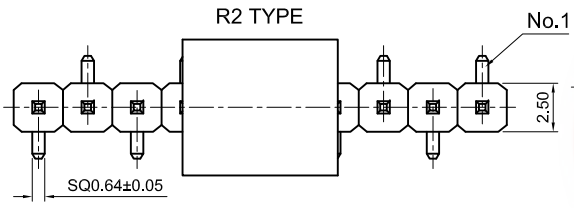
1 2 3 4 5 6 7 8



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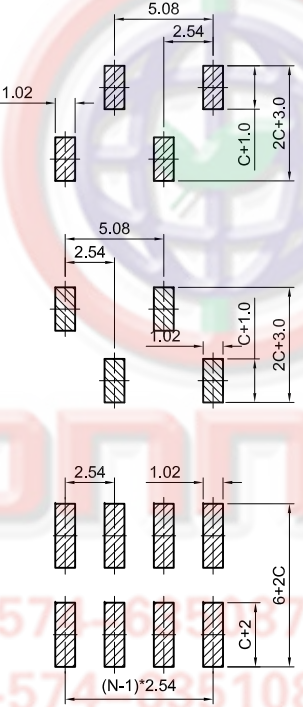
1 2 3 4 5 6 7 8

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



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

pos.	Dim.	Dim.D
2~8pin		5.0mm
9~40pin		8.0mm
Single Row		7.0mm



RECOMMEND PCB LAYOUT  
TOLERANCE=±0.05

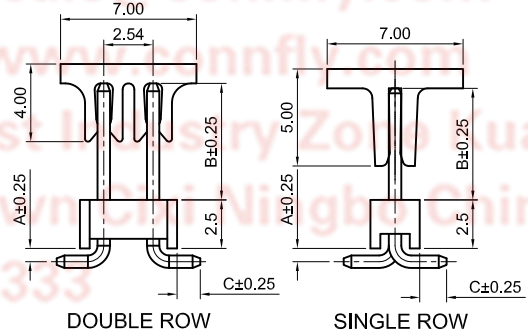


TABLE B:

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

NOTES:

SPECIFICATIONS:

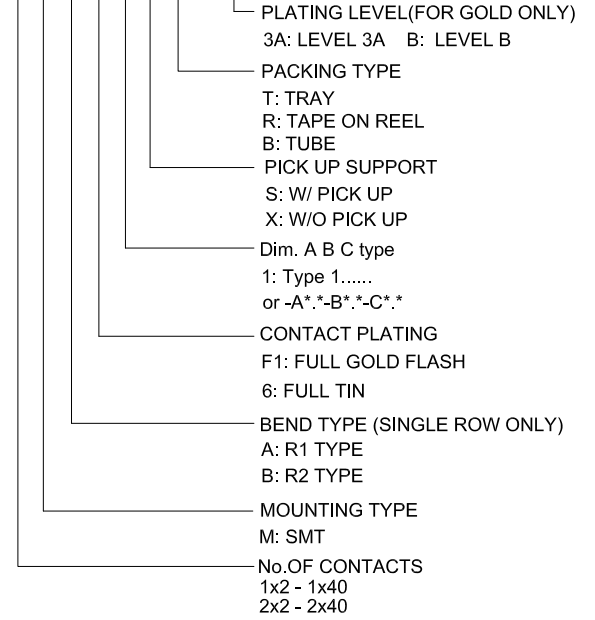
- CONTACT RESISTANCE: 20mΩ MAX.
- INSULATION RESISTANCE: 1000MΩ MIN.
- DIELECTRIC WITHSTANDING VOLTAGE: 600V AC(RMS) FOR 1 MINUTE.
- CURRENT RATING:3A.
- VOLTAGE RATING:250V AC RMS.
- TEMPERATURE: -40°C~+105°C.

MATERIALS:

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

PRODUCT NUMBER CODE:

DS1022- X X M X X X X - X



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

PROJECTION		TITLE	PIN HEADER PITCH 2.54mm SMT TYPE
UNITS	mm		
SHEET SIZE	A4	SERIES	DS1022 SERIES

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

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1 2 3 4 5 6 7 8