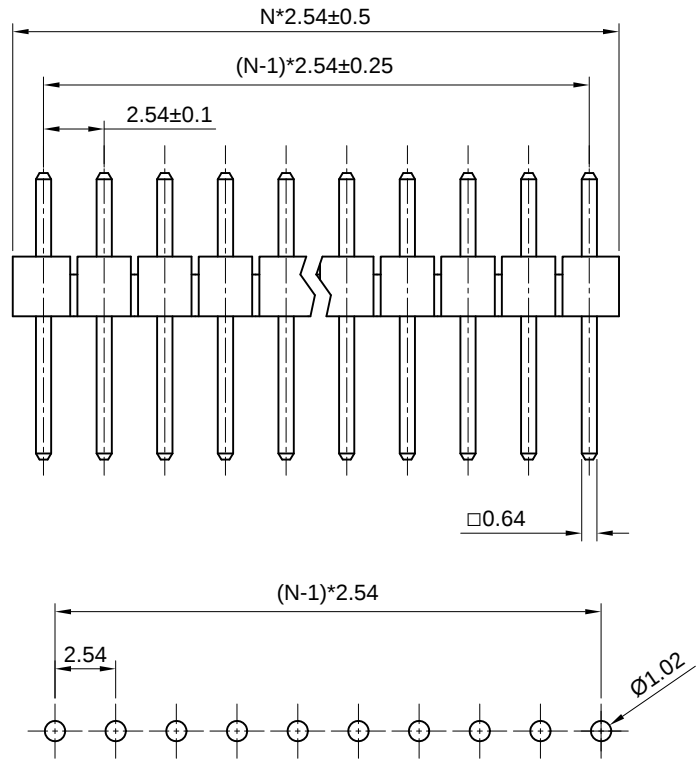
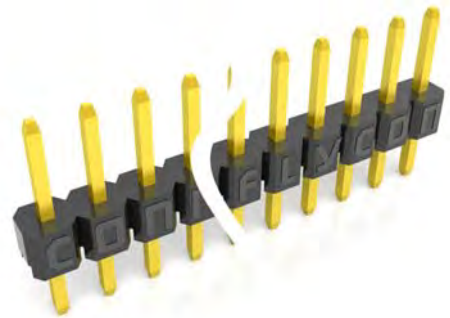


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Single Row
N: Number Of Contacts
A/B: Customer Length Available



Recommend PCB Layout



(Series Image-Reference Only)

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	1 OF 2
DRAWING NO.	C-DS1021-XXXXX-X-0		

REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	LL 07/03/06'		LJC 07/03/06'
O	DRAWING UPDATE	JLZ 09/18/18'		
P	DRAWING UPDATE	JLZ 06/08/21'		

- Notes:
- Electrical Characteristics:
 - Contact Resistance: 20mΩ Max.
 - Dielectric Withstanding Voltage: 600V AC(rms) For 1 Minute.
 - Insulation Resistance: 1000MΩ Min.
 - Current Rating: 3A.
 - Voltage Rating: 250V AC rms.
 - Environment Characteristics:
 - 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:

DS1021- X X X X - X

Plating Level
3A: Level 3A B: Level B
N: Level N

Table A & B Dim.Type
1: Type 1
2: Type 2
or -A*,-B*.*

Contact Plating
F1: Full Gold Flash

Mounting Type
S: Straight Type

No. Of Contacts
1x1~1x40

PROJECTION		TITLE	2.54mm Pin Header V/T Type Single Row	
UNITS	mm			
SHEET SIZE	A4	SERIES	DS1021 SERIES	

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TABLE A:

TYPE	Dimension	
	A	B
1	3.00	6.10
2	0.00	9.15
3	0.00	12.50
4	0.00	21.50
5	3.00	12.50
6	3.00	3.00
7	3.00	17.30
8	2.50	5.80
9	3.00	7.10
10	3.00	8.30
11	3.00	9.30
12	3.00	12.30
13	0.40	7.30
14	3.00	14.50
15	3.00	5.30
16	3.00	3.50
17	0.00	9.00
18	6.00	11.50
19	3.00	18.80
20	3.00	10.50
21	6.25	6.25
22	3.00	12.10
23	3.00	11.50
24	3.00	13.50
25	3.00	8.50
26	3.00	15.50
27	3.00	17.50
28	3.00	20.50
29	3.00	8.90

TABLE A:

TYPE	Dimension	
	A	B
30	3.20	19.40
31	5.00	12.50
32	3.00	9.50
33	3.00	19.50
34	3.00	29.50
35	3.00	6.96
36	3.00	5.96
37	3.00	5.50
38	3.00	14.30
39	3.00	15.90
40	3.00	21.50
41	3.34	13.96
42	3.50	22.00
43	3.00	24.50
44	3.00	34.50
45	3.00	18.50
46	3.00	8.00
47	6.00	6.00
48	3.00	7.50
49	3.00	5.00
50	3.00	9.00
51	3.00	11.00
52	3.20	14.20
53	3.00	23.50
54	3.00	9.46
55	3.00	16.50
56	0.60	8.50
57	3.00	28.50
58	3.30	15.60

TABLE A:

TYPE	Dimension	
	A	B
59	3.00	30.50
60	4.00	4.00
61	2.00	4.00
62	3.00	6.50
63	3.00	10.00
64	2.00	4.50
65	1.00	4.50
66	4.00	6.00
67	3.00	4.00
68	4.50	7.00
69	3.00	15.00
70	4.50	4.50
71	2.50	25.00
72	3.50	24.00
73	3.00	4.50
74	3.50	17.00
75	3.50	13.00
76	3.50	9.00
77	3.50	6.10
78	3.10	15.40
79	5.50	9.00
80	5.50	13.00
81	3.50	5.60
82	8.60	8.60
83	3.30	6.80
84	3.10	6.00
85	2.50	3.50
86	3.00	22.50
87	3.00	12.00

TABLE A:

TYPE	Dimension	
	A	B
88	4.20	7.80
89	1.60	5.80
90	5.00	12.00
91	4.20	4.20
92	1.20	12.30
93	5.33	5.84
94	5.84	15.49
95	1.50	5.80
96	3.50	3.50
97	3.00	26.50
98	0.00	6.00
99	3.00	20.00
100		
101	2.85	4.15
102	8.00	2.70
103	3.00	25.00

TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

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TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

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TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

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TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

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TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

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TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

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TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

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TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

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TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
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TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

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TABLE A:

TYPE	Dimension	
	A	B

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TYPE	Dimension	
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TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

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TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
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TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

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TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

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TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

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TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

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TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

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TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

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TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

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TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

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TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

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TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

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DC

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R&D

SD

QA

QC

QE

TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

TABLE A:

TYPE	Dimension	
	A	B

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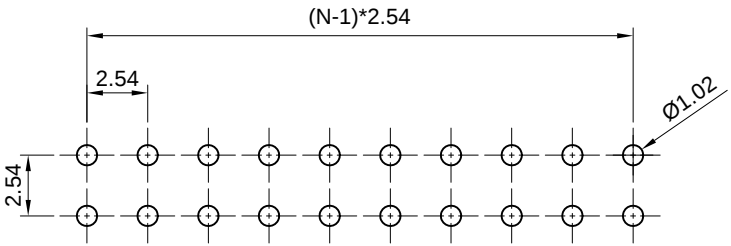
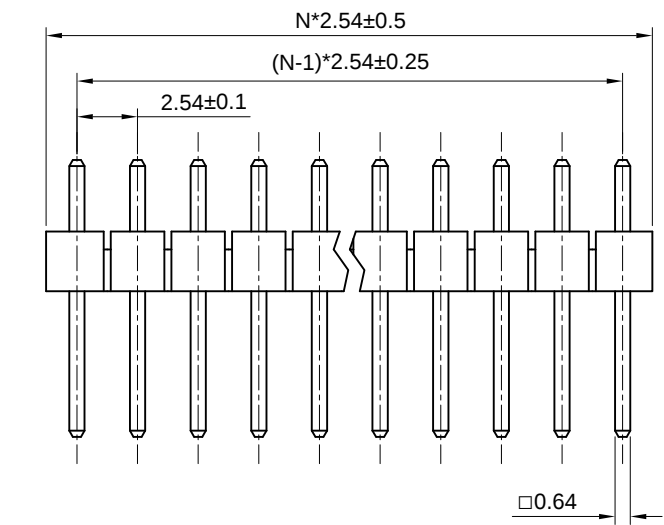
QA

QC

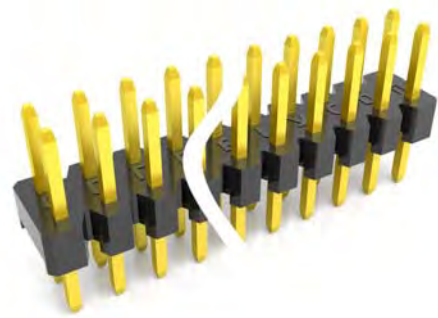
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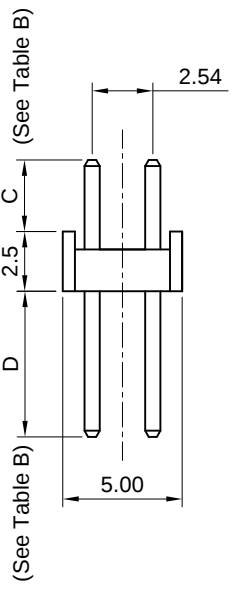
Double Row
N: Number Of Contacts/2
C/D: Customer Length Available



Recommend PCB Layout



(Series Image-Reference Only)



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	1 OF 2
DRAWING NO.	C-DS1021-XXXXX-X-0		

REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	LL 07/03/06'		LJC 07/03/06'
O	DRAWING UPDATE	JLZ 09/18/18'		
P	DRAWING UPDATE	JLZ 06/08/21'		

- Notes:
- 1. Electrical Characteristics:
 - 1.1 Contact Resistance: 20mΩ Max.
 - 1.2 Dielectric Withstanding Voltage: 600V AC(rms) For 1 Minute.
 - 1.3 Insulation Resistance: 1000MΩ Min.
 - 1.4 Current Rating: 3A.
 - 1.5 Voltage Rating: 250V AC rms.
 - 2. Environment Characteristics:
 - 2.1 Temperature: -40°C~+105°C.
 - 3. Materials:
 - 3.1 Contact Material: Copper Alloy.
 - 3.2 Contact Plating: Gold Plating Over Nickel.
 - 3.3 Insulator Materials: PBT, Black, UL94-V0.
 - 4. Product Number Code:

DS1021- X X X X - X

- Plating Level
3A: Level 3A B: Level B
N: Level N
- Table C & D Dim.Type
1: Type 1
2: Type 2
or -C*.*-D*.*
- Contact Plating
F1: Full Gold Flash
- Mounting Type
S: Straight Type
- No. Of Contacts
2x1~2x40

PROJECTION		TITLE	2.54mm Pin Header V/T Type Double Row	
UNITS	mm			
SHEET SIZE	A4	SERIES	DS1021 SERIES	

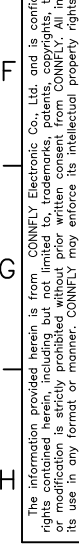
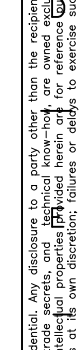
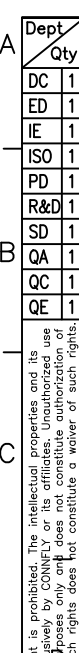


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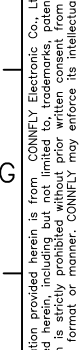
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Dept	Qty
DC	1
ED	1
IE	1
ISO	1
PD	1
R&D	1
SD	1
QA	1
QC	1
QE	1

Three rows
N: Number of contacts/3
E/F: Customer length available



Recommend PCB Layout



(Series Image-Reference Only)

TABLE C:

TYPE	Dimension	
	E	F
1	3.00	6.10
2	7.15	7.15

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	1 OF 1
DRAWING NO.	C-DS1021-XXXXX-X-P		

REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	LL 07/03/06'		LJC 07/03/06'
O	DRAWING UPDATE	JLZ 09/18/18'		
P	DRAWING UPDATE	JLZ 06/08/21'		

- Notes:
- Electrical Characteristics:
 - Contact Resistance: 20mΩ Max.
 - Dielectric Withstanding Voltage: 600V AC(rms) For 1 Minute.
 - Insulation Resistance: 1000MΩ Min.
 - Current Rating: 3A.
 - Voltage Rating: 250V AC rms.
 - Environment Characteristics:
 - 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:

DS1021-X-X-X-X-X-
PLATING LEVEL
3A: Level 3A B: Level B
N: Level N
Table C & DIM. type
1: Type 1
2: Type 2
.....
or -E*.*-F*.*
Contact plating
F1: Full gold flash
Mounting type
S: Straight type
No. of contacts
3x1~3x40

PROJECTION		TITLE	2.54mm Pin Header V/T Type Three Rows	
UNITS	mm			
SHEET SIZE	A4	SERIES	DS1021	SERIES

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[CSU011177004](#) [622-0430](#) [622-3653LF](#) [63453-116](#) [636-1030](#) [636-1427](#) [636-3427](#) [636-4007](#) [641938-9](#) [644827-2](#) [65495-038](#) [65692-001LF](#)
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[3052](#) [80.063.4001.1](#) [800-90-001-10-001000](#) [800-90-010-10-002000](#) [801-43-002-10-013000](#) [801-43-006-10-002000](#) [803-41-018-10-001000](#)
[803-43-024-10-001000](#)