

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

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



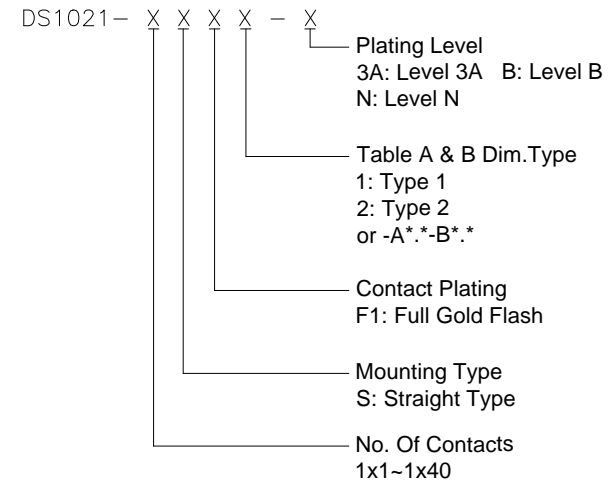
Recommend PCB Layout



(Series Image-Reference Only)

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:



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		

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

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

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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

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A	TABLE A:	TABLE A:	TABLE A:	TABLE A:	TABLE A:	TABLE A:						
B	Dimension			Dimension			Dimension			Dimension		
C	TYPE	A	B	TYPE	A	B	TYPE	A	B	TYPE	A	B
D	1	3.00	6.10	30	3.20	19.40	59	3.00	30.50	88	4.20	7.80
E	2	0.00	9.15	31	5.00	12.50	60	4.00	4.00	89	1.60	5.80
F	3	0.00	12.50	32	3.00	9.50	61	2.00	4.00	90	5.00	12.00
G	4	0.00	21.50	33	3.00	19.50	62	3.00	6.50	91	4.20	4.20
H	5	3.00	12.50	34	3.00	29.50	63	3.00	10.00	92	1.20	12.30
	6	3.00	3.00	35	3.00	6.96	64	2.00	4.50	93	5.33	5.84
	7	3.00	17.30	36	3.00	5.96	65	1.00	4.50	94	5.84	15.49
	8	2.50	5.80	37	3.00	5.50	66	4.00	6.00	95	1.50	5.80
	9	3.00	7.10	38	3.00	14.30	67	3.00	4.00	96	3.50	3.50
	10	3.00	8.30	39	3.00	15.90	68	4.50	7.00	97	3.00	26.50
	11	3.00	9.30	40	3.00	21.50	69	3.00	15.00	98	0.00	6.00
	12	3.00	12.30	41	3.34	13.96	70	4.50	4.50	99	3.00	20.00
	13	0.40	7.30	42	3.50	22.00	71	2.50	25.00	100	/	
	14	3.00	14.50	43	3.00	24.50	72	3.50	24.00	101	2.85	4.15
	15	3.00	5.30	44	3.00	34.50	73	3.00	4.50	102	8.00	2.70
	16	3.00	3.50	45	3.00	18.50	74	3.50	17.00	103	3.00	25.00
	17	0.00	9.00	46	3.00	8.00	75	3.50	13.00			
	18	6.00	11.50	47	6.00	6.00	76	3.50	9.00			
	19	3.00	18.80	48	3.00	7.50	77	3.50	6.10			
	20	3.00	10.50	49	3.00	5.00	78	3.10	15.40			
	21	6.25	6.25	50	3.00	9.00	79	5.50	9.00			
	22	3.00	12.10	51	3.00	11.00	80	5.50	13.00			
	23	3.00	11.50	52	3.20	14.20	81	3.50	5.60			
	24	3.00	13.50	53	3.00	23.50	82	8.60	8.60			
	25	3.00	8.50	54	3.00	9.46	83	3.30	6.80			
	26	3.00	15.50	55	3.00	16.50	84	3.10	6.00			
	27	3.00	17.50	56	0.60	8.50	85	2.50	3.50			
	28	3.00	20.50	57	3.00	28.50	86	3.00	22.50			
	29	3.00	8.90	58	3.30	15.60	87	3.00	12.00			

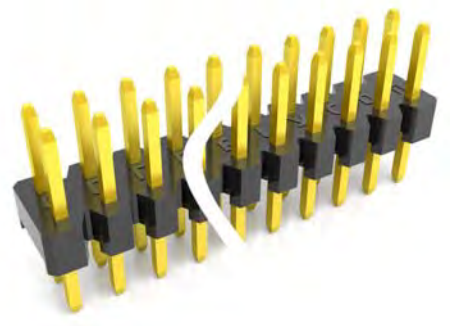
GENERAL TOLERANCE		ANGLE TOLERANCE		PROJECTION		TITLE		2.54mm Pin Header V/T Type	
X.	±0.60	X.	±5°	UNITS		mm		Single Row	
.X	±0.38	.X	±3°	SHEET SIZE		A4		SERIES	
.XX	±0.25	.XX	±2°	DRAWING TYPE		DS1021 SERIES			
DRAWING TYPE		CUSTOMER			晨翔电子有限公司				
SCALE		1:1	SHEET		CONNFLY CONNPLY ELECTRONIC CO. LTD				
DRAWING NO.		C-DS1021-XXXXX-X-0							

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

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



Recommend PCB Layout



(Series Image-Reference Only)

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 & 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

GENERAL TOLERANCE		ANGLE TOLERANCE		PROJECTION		TITLE	2.54mm Pin Header V/T Type Double Row		
X.	±0.60	X.	±5°	UNITS	mm				
.X	±0.38	.X	±3°	SHEET SIZE	A4	SERIES	DS1021 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	1 OF 2					
DRAWING NO.		C-DS1021-XXXXX-X-0							

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Dept	
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ED	1
IE	1
ISO	1
PD	1
R&D	1
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QF	1

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



TABLE C:

TYPE	Dimension	
	E	F
1	3.00	6.10
2	7.15	7.15



(Series Image-Reference Only)

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

GENERAL TOLERANCE		ANGLE TOLERANCE		PROJECTION		TITLE	2.54mm Pin Header V/T Type Three Rows	
X.	±0.60	X.	±5°	UNITS	mm			
.X	±0.38	.X	±3°	SHEET SIZE	A4	SERIES	DS1021 SERIES	
.XX	±0.25	.XX	±2°					
DRAWING TYPE		CUSTOMER			<b>晨翔电子有限公司</b> <b>CONNFLY ELECTRONIC CO. LTD</b>			
SCALE		1:1	SHEET	1 OF 1				
DRAWING NO.		C-DS1021-XXXXX-X-P						

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