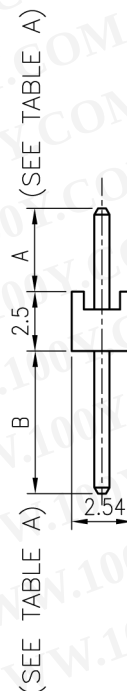


SINGLE ROW
N:NUMBER OF CONTACTS
A/B:CUSTOMER LENGTH AVAILABLE



REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	LL 07/03/06'	~	LJC 04/04/06'
F	ADD DIM	LL 11/16/06'	~	LJC 11/05/06'
H	ADD DIM	LL 11/29/06'	~	LJC 11/29/06'
J	ADD DIM	YCH 09/12/07'	~	LJC 09/24/07'
K	ADD DIM	YCH 09/12/07'	~	LJC 01/27/10'
L	ADD DIM	DGQ 03/18/11'	~	LJC 01/27/10'
N	ADD DIM	JLZ 10/06/14'	~	

1. ELECTRICAL CHARACTERISTICS:

- 1.1 CONTACT RESISTANCE: 20mΩ Max.
- 1.2 DIELECTRIC WITHSTANDING VOLTAGE: 500V AC(rms) FOR 1 MINUTE.
- 1.3 INSULATION RESISTANCE: 1000MΩ Min.

2. ENVIRONMENT CHARACTERISTICS:

- 2.1 TEMPERATURE: $-40^{\circ}\text{C}\sim+105^{\circ}\text{C}$.

3. PRODUCT NUMBER CODE:

DS1021- X X X X - X

- PLATING LEVEL(FOR GOLD ONLY)

3A: LEVEL 3A B: LEVEL B
N: LEVEL N

- TABLE A & DIM. TYPE

- ```

1: TYPE 1
2: TYPE 2
3: TYPE 3
4: TYPE 4
5: TYPE 5
6: TYPE 6
7: TYPE 7
8: TYPE 8
9: TYPE 9

```

- CONTACT PLATING  
F1: FULL GOLD FLASH  
6: FULL TIN

- MOUNTING TYPE  
S: STRAIGHT TYPE  
- No. OF CONTACTS  
1\*1~1\*40

|                   |                                                                                       |                 |        |                                                                                                         |                                                                                       |            |                            |
|-------------------|---------------------------------------------------------------------------------------|-----------------|--------|---------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------|----------------------------|
| 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     | DS1021 SERIES              |
| .XX               | ±0.25                                                                                 | .XX             | ±2°    | <br><b>CONNFLY</b> |                                                                                       |            |                            |
| DRAWING TYPE      |                                                                                       | CUSTOMER        |        |                                                                                                         |                                                                                       |            |                            |
| SCALE             |  | SHEET           | 1 OF 2 |                                                                                                         |                                                                                       |            |                            |
| DRAWING NO.       | C-DS1021-1*XXXX-X                                                                     |                 |        |                                                                                                         |                                                                                       |            |                            |



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:[illegible]TABLE A:[illegible]TABLE A:[illegible]

勝特力材料 886-3-5753170  
勝特力電子(上海) 86-21-34970699  
勝特力電子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)

|                   |                                                                                       |                 |        |                                                                                       |                                                                                       |        |                            |  |
|-------------------|---------------------------------------------------------------------------------------|-----------------|--------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------|----------------------------|--|
| 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 | DS1021 SERIES              |  |
| .XX               | ±0.25                                                                                 | .XX             | ±2°    |  |                                                                                       |        |                            |  |
| DRAWING TYPE      |                                                                                       | CUSTOMER        |        |                                                                                       |                                                                                       |        |                            |  |
| SCALE             |  | SHEET           | 2 OF 2 |                                                                                       |                                                                                       |        |                            |  |
| DRAWING NO.       | C-DS1021-1*XXXX-X                                                                     |                 |        |                                                                                       |                                                                                       |        |                            |  |

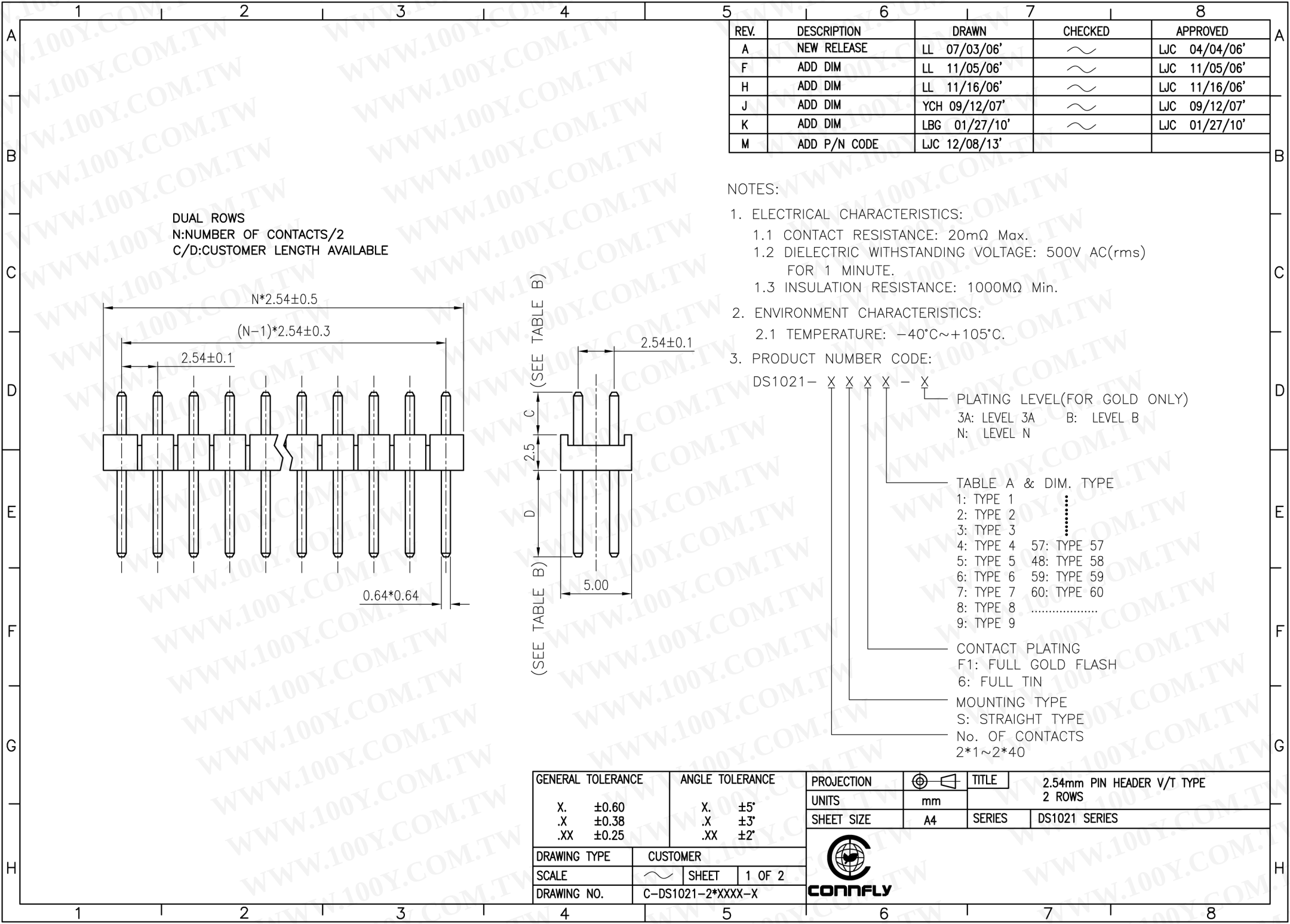


TABLE B:

| TYPE | Dimension |       |
|------|-----------|-------|
|      | C         | D     |
| 1    | 3.00      | 6.10  |
| 2    | 3.00      | 7.50  |
| 3    | 3.00      | 10.50 |
| 4    | 0.00      | 13.50 |
| 5    | 2.50      | 5.80  |
| 6    | 3.00      | 7.10  |
| 7    | 3.00      | 8.30  |
| 8    | 3.00      | 9.30  |
| 9    | 3.00      | 12.30 |
| 10   | 3.00      | 14.50 |
| 11   | 3.00      | 5.30  |
| 12   | 3.00      | 14.30 |
| 13   | 3.00      | 11.50 |
| 14   | 3.00      | 13.50 |
| 15   | 2.50      | 16.00 |
| 16   | 3.00      | 3.00  |
| 17   | 3.00      | 9.50  |
| 18   | 3.00      | 19.50 |
| 19   | 6.00      | 15.40 |
| 20   | 3.00      | 5.96  |
| 21   | 3.00      | 6.96  |
| 22   | 3.00      | 15.90 |
| 23   | 3.00      | 24.50 |
| 24   | 3.00      | 29.50 |
| 25   | 3.00      | 34.50 |
| 26   | 3.00      | 8.50  |
| 27   | 3.00      | 18.50 |
| 28   | 3.00      | 12.50 |
| 29   | 4.00      | 10.50 |

TABLE B:

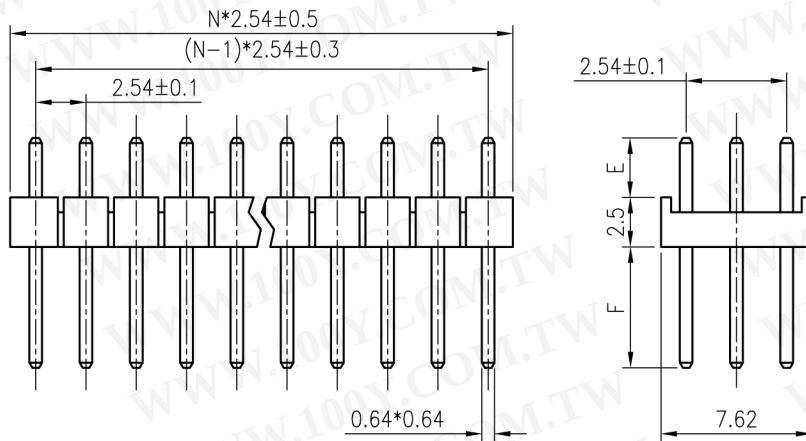
| TYPE | Dimension |       |
|------|-----------|-------|
|      | C         | D     |
| 30   | 3.00      | 16.50 |
| 31   | 3.00      | 21.50 |
| 32   | 3.24      | 8.16  |
| 33   | 2.20      | 6.10  |
| 34   | 3.50      | 11.00 |
| 35   | 3.00      | 5.50  |
| 36   | 3.00      | 4.50  |
| 37   | 3.30      | 15.60 |
| 38   | 3.00      | 17.30 |
| 39   | 3.00      | 30.50 |
| 40   | 3.00      | 15.50 |
| 41   | 3.00      | 6.50  |
| 42   | 2.50      | 10.00 |
| 43   | 2.41      | 12.07 |
| 44   | 3.00      | 25.00 |
| 45   | 4.00      | 6.00  |
| 46   | 3.00      | 15.00 |
| 47   | 2.46      | 5.70  |
| 48   | 3.00      | 16.10 |
| 49   | 3.00      | 11.96 |
| 50   | 6.50      | 12.00 |
| 51   | 3.00      | 8.96  |
| 52   | 3.00      | 9.00  |
| 53   | 4.25      | 4.25  |
| 54   | 3.50      | 9.50  |
| 55   | 3.10      | 6.00  |
| 56   | 8.70      | 6.00  |
| 57   | 4.20      | 7.80  |
| 58   | 3.30      | 6.80  |

TABLE B:[illegible]TABLE B:[illegible]TABLE B:[illegible]TABLE B:[illegible]

|                   |       |                                                                                       |       |                                                                                                         |                                                                                       |        |               |                            |  |        |  |
|-------------------|-------|---------------------------------------------------------------------------------------|-------|---------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------|---------------|----------------------------|--|--------|--|
| GENERAL TOLERANCE |       | ANGLE TOLERANCE                                                                       |       | PROJECTION                                                                                              |  | TITLE  |               | 2.54mm PIN HEADER V/T TYPE |  |        |  |
| X.                | ±0.60 | X.                                                                                    | ±5°   | UNITS                                                                                                   | mm                                                                                    |        |               | 2 ROWS                     |  |        |  |
| .X                | ±0.38 | .X                                                                                    | ±3°   | SHEET SIZE                                                                                              | A4                                                                                    | SERIES | DS1021 SERIES |                            |  |        |  |
| .XX               | ±0.25 | .XX                                                                                   | ±2°   | <br><b>CONNFly</b> |                                                                                       |        |               |                            |  |        |  |
| DRAWING TYPE      |       | CUSTOMER                                                                              |       |                                                                                                         |                                                                                       |        |               |                            |  |        |  |
| SCALE             |       |  | SHEET |                                                                                                         |                                                                                       |        |               |                            |  | 2 OF 2 |  |
| DRAWING NO.       |       | C-DS1021-2*XXXX-X                                                                     |       |                                                                                                         |                                                                                       |        |               |                            |  |        |  |

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[Http://www.100y.com.tw](http://www.100y.com.tw)

THREE ROWS  
N:NUMBER OF CONTACTS/3  
E/F:CUSTOMER LENGTH AVAILABLE



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[Http://www.100y.com.tw](http://www.100y.com.tw)

TABLE B:

| TYPE | Dimension |      |
|------|-----------|------|
|      | E         | F    |
| 1    | 3.00      | 6.10 |
| 2    | 7.15      | 7.15 |
| 3    |           |      |
| 4    |           |      |
| 5    |           |      |
| 6    |           |      |
| 7    |           |      |
| 8    |           |      |
| 9    |           |      |
| 10   |           |      |
| 11   |           |      |
| 12   |           |      |
| 13   |           |      |
| 14   |           |      |
| 15   |           |      |
| 16   |           |      |
| 17   |           |      |
| 18   |           |      |
| 19   |           |      |
| 20   |           |      |
| 21   |           |      |
| 22   |           |      |
| 23   |           |      |
| 24   |           |      |
| 25   |           |      |
| 26   |           |      |
| 27   |           |      |
| 28   |           |      |
| 29   |           |      |

| REV. | DESCRIPTION | DRAWN         | CHECKED | APPROVED |
|------|-------------|---------------|---------|----------|
| A    | NEW RELEASE | YCH 07/27/10' | ~       |          |
|      |             |               |         |          |
|      |             |               |         |          |

NOTES:

1. ELECTRICAL CHARACTERISTICS:

- 1.1 CONTACT RESISTANCE: 20mΩ Max.
- 1.2 DIELECTRIC WITHSTANDING VOLTAGE: 500V AC(rms) FOR 1 MINUTE.
- 1.3 INSULATION RESISTANCE: 1000MΩ Min.

2. ENVIRONMENT CHARACTERISTICS:

- 2.1 TEMPERATURE: -40°C~+105°C.

3. PRODUCT NUMBER CODE:

DS1021- X X X X - X

PLATING LEVEL(FOR GOLD ONLY)  
3A: LEVEL 3A B: LEVEL B  
N: LEVEL N

TABLE A & DIM. TYPE  
1: TYPE 1  
2: TYPE 2  
.....

CONTACT PLATING  
F1: FULL GOLD FLASH  
6: FULL TIN

MOUNTING TYPE  
S: STRAIGHT TYPE

No. OF CONTACTS  
3\*1~3\*40

| GENERAL TOLERANCE |                   | ANGLE TOLERANCE |        | PROJECTION | UNIT | TITLE  | 2.54mm PIN HEADER V/T TYPE<br>3 ROWS |  |
|-------------------|-------------------|-----------------|--------|------------|------|--------|--------------------------------------|--|
| X.                | ±0.60             | X.              | ±5°    |            | mm   |        |                                      |  |
| .X                | ±0.38             | .X              | ±3°    |            |      |        |                                      |  |
| .XX               | ±0.25             | .XX             | ±2°    |            |      |        |                                      |  |
| DRAWING TYPE      |                   | CUSTOMER        |        | SHEET SIZE |      | SERIES | DS1021 SERIES                        |  |
| SCALE             | 1:1               | SHEET           | 1 OF 1 |            |      |        |                                      |  |
| DRAWING NO.       | C-DS1021-3*XXXX-X |                 |        |            |      |        |                                      |  |

