

|   |      |   |   |   |   |   |   |                    |   |
|---|------|---|---|---|---|---|---|--------------------|---|
|   | 1    | 2 | 3 | 4 | 5 | 6 | 7 | 8                  |   |
|   | ROHS |   |   |   |   |   |   | For reference only |   |
| A |      |   |   |   |   |   |   |                    | A |
| B |      |   |   |   |   |   |   |                    | B |
| C |      |   |   |   |   |   |   |                    | C |
| D |      |   |   |   |   |   |   |                    | D |
| E |      |   |   |   |   |   |   |                    | E |
| F |      |   |   |   |   |   |   |                    | F |
| G |      |   |   |   |   |   |   |                    | G |
| H |      |   |   |   |   |   |   |                    | H |

| Pin数 | 尺寸A  | 尺寸B  |
|------|------|------|
| 1    |      | 2.0  |
| 2    | 2.0  | 4.0  |
| 3    | 4.0  | 6.0  |
| 4    | 6.0  | 8.0  |
| 5    | 8.0  | 10.0 |
| 6    | 10.0 | 12.0 |
| 7    | 12.0 | 14.0 |
| 8    | 14.0 | 16.0 |
| 9    | 16.0 | 18.0 |
| 10   | 18.0 | 20.0 |
| 11   | 20.0 | 22.0 |
| 12   | 22.0 | 24.0 |
| 13   | 24.0 | 26.0 |
| 14   | 26.0 | 28.0 |
| 15   | 28.0 | 30.0 |
| 16   | 30.0 | 32.0 |
| 17   | 32.0 | 34.0 |
| 18   | 34.0 | 36.0 |
| 19   | 36.0 | 38.0 |
| 20   | 38.0 | 40.0 |
| 21   | 40.0 | 42.0 |
| 22   | 42.0 | 44.0 |
| 23   | 44.0 | 46.0 |
| 24   | 46.0 | 48.0 |
| 25   | 48.0 | 50.0 |
| 26   | 50.0 | 52.0 |
| 27   | 52.0 | 54.0 |
| 28   | 54.0 | 56.0 |
| 29   | 56.0 | 58.0 |
| 30   | 58.0 | 60.0 |
| 31   | 60.0 | 62.0 |
| 32   | 62.0 | 64.0 |
| 33   | 64.0 | 66.0 |
| 34   | 66.0 | 68.0 |
| 35   | 68.0 | 70.0 |
| 36   | 70.0 | 72.0 |
| 37   | 72.0 | 74.0 |
| 38   | 74.0 | 76.0 |
| 39   | 76.0 | 78.0 |
| 40   | 78.0 | 80.0 |

$B \pm 0.25$

$4.00$

$\phi 0.47$

$2.80$

$A \pm 0.20$

$2.00$

$\phi 0.60$

$2.00$

PCB LAYOUT

Specification:

Current Rating : 1.5AMP

Temperature Range : -40℃to+105℃

Contact Resistance : 20mΩ Max

Insulation Resistance : 1000MΩ Min

Withstanding Voltage : AC 500V

Material:

Insulator : Polyester (UL94V-0)

Standard:PBT/PA6T/LCP

Contact: Brass

Plating : Au or Sn Over 50u" Ni

|                          |                                         |                         |                         |                           |
|--------------------------|-----------------------------------------|-------------------------|-------------------------|---------------------------|
| R 20 9D-XXX X X-XX-X-XXX |                                         |                         |                         |                           |
| ① Series No:             | ② Pitch:                                | ③ Tail&Mounting Style:  | ④ No. of Pins:          | ⑤ Insulator Color:        |
| P=Pin Header             | 08=0.80                                 | 9D=Right Angle DIP Type | Single Row Double Row   | A:Black B:Brom C:Red      |
| F=Female Header          | 10=1.00                                 | 9S=Straight SMT Type    | 101=1*1Pin 201=2*1Pin   | D:Orange E:Yellow F:Green |
| B=Box Header             | 12=1.27                                 | 0D=Straight DIP Type    | 102=1*2Pin 202=2*2Pin   | G:Blue H:Violet J:Gray    |
| E=Ejector Header         | 20=2.00                                 | 0S=horizontal SMT Type  | ! ! ! !                 | K:White P:Light Blue      |
| R=Round Pin              | 25=2.54                                 |                         | 140=1*40pin 240=2*40pin |                           |
|                          | 39=3.96                                 |                         |                         |                           |
|                          | 50=5.08                                 |                         |                         |                           |
| ⑥ Material Type:         | ⑦ Plating Type:                         | ⑧ RoHS Request:         | ⑨ Customer Code         |                           |
| A=PBT                    | 0*-Sn-Au 1*-Ni 2*-Sn 3*-Matte-Tin 5*-Au | 0:No Request            |                         |                           |
| B=PA66                   | 0A-Sn-Au 1u" 0F-Sn-Au 10u" 5A-Au 1u"    | 1:RoHS                  |                         |                           |
| C=PA6T                   | 0B-Sn-Au 2u" 0G-Sn-Au 15u" 5B-Au 2u"    | 2:HF(Halogen Free)      |                         |                           |
| D=PA9T                   | 0C-Sn-Au 3u" 0H-Sn-Au 30u" 5C-Au 3u"    |                         |                         |                           |
| E=LCP                    | 0D-Sn-Au 4u" 0I-Sn-Au 40u" :            |                         |                         |                           |
|                          | 0E-Sn-Au 5u" 0J-Sn-Au 50u" 5J-Au 50u"   |                         |                         |                           |

|      |                 |      |          |                    |            |          |      |                                                                                                                                                         |           |            |
|------|-----------------|------|----------|--------------------|------------|----------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|
|      |                 |      |          | GENERAL TOLERANCES | SCALE: 1:1 | NAME     | DATE | 东莞市康导新能源科技有限公司<br>DONGGUANG KD NEW ENERGY TECHNOLOGY CO.,LTD.<br>Web: www.dgconne.com Tel: 0769-85337633<br>Email: 2850175986@qq.com Fax: 0769-85392827 | PART. NO: |            |
|      |                 |      |          | LINEAR             | ANGLES     | APPROVED |      |                                                                                                                                                         | KDRH-0038 |            |
|      |                 |      |          | 0.0±0.25           | X° REF±6°  | DESIGNER |      |                                                                                                                                                         | DWG. NO:  |            |
|      |                 |      |          | 0.00±0.15          | X° ±3°     | DRAWN    |      |                                                                                                                                                         | ENDE4038  |            |
| REV. | REVISION RECORD | DATE | UNIT: MM | 0.000±0.08         | X° X'±2°   |          |      | TITLE:                                                                                                                                                  | REV: A0   | SHEET: 1/1 |
|      |                 |      |          |                    |            |          |      | Pitch2.00mm Round Pin,Dual Row,<br>Plastic Height 2.8mm,Right Angle Type                                                                                |           |            |

1

2

3

4

5

6

7

8