

| REVISION RECORD |     |             |      |
|-----------------|-----|-------------|------|
| REV             | ECN | DESCRIPTION | DATE |
|                 |     |             |      |

NOTES1:

- 1. Rated voltage/current : 300V / 8A
- 2. Withstanding voltage : AC1600V/1min.
- 3. Torque value : M2, 1.77Lb.in
- 4. Wire range : 28~16AWG

IEC Standard

|    |                          |       |
|----|--------------------------|-------|
| 1. | Pollution degree         | 2     |
|    | Overvoltage category     | II    |
|    | Rate impulse voltage(kV) | 2.5kV |
|    | Rate voltage(V)          | 250V  |
|    | Rate current(A)          | 7A    |

2. Torque value : M2, 0.2N·m

3. Wire range : 0.5~1.5mm<sup>2</sup>

NOTES2:

1. Dimension shall be interpreted per

ASME Y14.5-2009

2. Pitch : 3.5/3.81mm, Poles : N=02~24P

3. Stripping length : 6~7mm

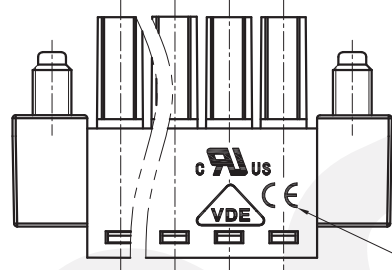
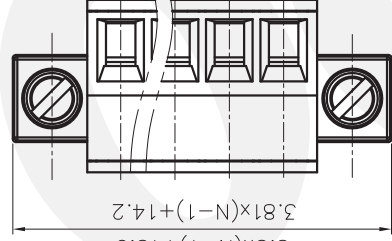
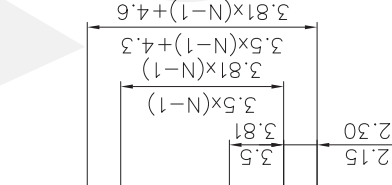
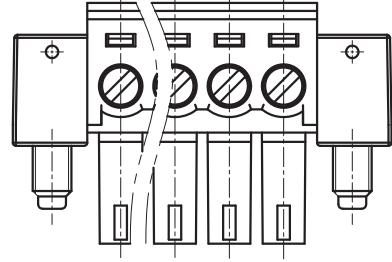
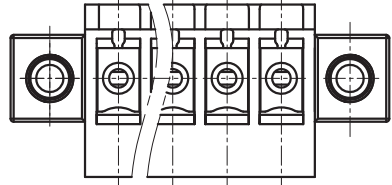
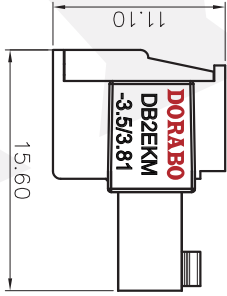
4. Operating temperature : -40°C~+105°C

5. Undimensioned tolerances:

| Pitch range in | mm     | mm     |
|----------------|--------|--------|
| Over           | 0.1/10 | 0.1/10 |
| Over           | 0.20   | 0.20   |
| Over           | 0.30   | 0.30   |
| Over           | 0.40   | 0.40   |
| Over           | 0.50   | 0.50   |
| Over           | 0.70   | ±1.00  |
| Over           | 1.00   | ±1.30  |
| ±2.            |        |        |

6. RoHS Compliance

DB2EKM - 3.5/3.81 - 1Y - 00A (H)  
 (Series No.) (Pitch) (Poles) (Color):1.(Grey)  
 2.(Blue) 3.(Black) 4.(Green) 5.(Orange) 6.(Red) 7.(Transparent) 8.(Yellow) 9.(White)



Approval mark can be printed on left and right end both

|                        |                                 |       |
|------------------------|---------------------------------|-------|
| PART NO.:              | CIXI DORABO ELECTRONICS CO.,LTD |       |
|                        | DORABO 慈溪市地博电子有限公司              |       |
| NAME:                  | DB2EKM-3.5/3.81-XXP-1Y-00A(H)   |       |
| APPD:                  | /                               |       |
| CHKD:                  | /                               |       |
| DRFT:                  | /                               |       |
| TITLE:                 | CUSTOMER DRAWING                | REV   |
| DRAWING NO.:           | /                               | SHEET |
| DO NOT SCALE DRAWING   | 1:1                             | SCALE |
| THIRD ANGLE PROJECTION | (INCH)                          |       |

1 2 3 4 5 6 7 8

A B C D E F G H

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