

| A                      |  | B |  | C |  | D |  | E |  |  |  |  |  |        |  |             |  |         |  |      |  |      |  |
|------------------------|--|---|--|---|--|---|--|---|--|--|--|--|--|--------|--|-------------|--|---------|--|------|--|------|--|
| General tolerances(mm) |  |   |  |   |  |   |  |   |  |  |  |  |  | REV.   |  | DESCRIPTION |  | ECN NO. |  | NAME |  | DATE |  |
| 0<br>3                 |  |   |  |   |  |   |  |   |  |  |  |  |  | 0.1/10 |  |             |  |         |  |      |  |      |  |
| >3<br>6                |  |   |  |   |  |   |  |   |  |  |  |  |  |        |  |             |  |         |  |      |  |      |  |
| >6<br>10               |  |   |  |   |  |   |  |   |  |  |  |  |  |        |  |             |  |         |  |      |  |      |  |
| >10<br>18              |  |   |  |   |  |   |  |   |  |  |  |  |  |        |  |             |  |         |  |      |  |      |  |
| >18<br>30              |  |   |  |   |  |   |  |   |  |  |  |  |  |        |  |             |  |         |  |      |  |      |  |
| >30<br>50              |  |   |  |   |  |   |  |   |  |  |  |  |  |        |  |             |  |         |  |      |  |      |  |
| >50<br>80              |  |   |  |   |  |   |  |   |  |  |  |  |  |        |  |             |  |         |  |      |  |      |  |
| >80<br>120             |  |   |  |   |  |   |  |   |  |  |  |  |  |        |  |             |  |         |  |      |  |      |  |
| >120<br>180            |  |   |  |   |  |   |  |   |  |  |  |  |  |        |  |             |  |         |  |      |  |      |  |
| >180<br>250            |  |   |  |   |  |   |  |   |  |  |  |  |  |        |  |             |  |         |  |      |  |      |  |
| >250<br>315            |  |   |  |   |  |   |  |   |  |  |  |  |  |        |  |             |  |         |  |      |  |      |  |
| >315<br>400            |  |   |  |   |  |   |  |   |  |  |  |  |  |        |  |             |  |         |  |      |  |      |  |
| >400<br>500            |  |   |  |   |  |   |  |   |  |  |  |  |  |        |  |             |  |         |  |      |  |      |  |
| >500                   |  |   |  |   |  |   |  |   |  |  |  |  |  |        |  |             |  |         |  |      |  |      |  |
| ±0.12                  |  |   |  |   |  |   |  |   |  |  |  |  |  | ±2'    |  |             |  |         |  |      |  |      |  |
| ±0.18                  |  |   |  |   |  |   |  |   |  |  |  |  |  |        |  |             |  |         |  |      |  |      |  |
| ±0.22                  |  |   |  |   |  |   |  |   |  |  |  |  |  |        |  |             |  |         |  |      |  |      |  |
| ±0.26                  |  |   |  |   |  |   |  |   |  |  |  |  |  |        |  |             |  |         |  |      |  |      |  |
| ±0.31                  |  |   |  |   |  |   |  |   |  |  |  |  |  |        |  |             |  |         |  |      |  |      |  |
| ±0.37                  |  |   |  |   |  |   |  |   |  |  |  |  |  |        |  |             |  |         |  |      |  |      |  |
| ±0.57                  |  |   |  |   |  |   |  |   |  |  |  |  |  |        |  |             |  |         |  |      |  |      |  |
| ±0.80                  |  |   |  |   |  |   |  |   |  |  |  |  |  |        |  |             |  |         |  |      |  |      |  |
| ±0.93                  |  |   |  |   |  |   |  |   |  |  |  |  |  |        |  |             |  |         |  |      |  |      |  |
| ±1.05                  |  |   |  |   |  |   |  |   |  |  |  |  |  |        |  |             |  |         |  |      |  |      |  |
| ±1.15                  |  |   |  |   |  |   |  |   |  |  |  |  |  |        |  |             |  |         |  |      |  |      |  |
| ±1.60                  |  |   |  |   |  |   |  |   |  |  |  |  |  |        |  |             |  |         |  |      |  |      |  |
| ±2.20                  |  |   |  |   |  |   |  |   |  |  |  |  |  |        |  |             |  |         |  |      |  |      |  |
| ±2.50                  |  |   |  |   |  |   |  |   |  |  |  |  |  |        |  |             |  |         |  |      |  |      |  |

|                   |  |      |            |                |
|-------------------|--|------|------------|----------------|
| Product model     |  | PIN  | A          | B              |
| AEDG-381KD-2P-GG  |  | 2    | 3.81       | 8.41           |
| AEDG-381KD-3P-GG  |  | 3    | 7.62       | 12.22          |
| AEDG-381KD-4P-GG  |  | 4    | 11.43      | 16.03          |
| AEDG-381KD-5P-GG  |  | 5    | 15.24      | 19.84          |
| AEDG-381KD-6P-GG  |  | 6    | 19.05      | 23.65          |
| AEDG-381KD-7P-GG  |  | 7    | 22.86      | 27.46          |
| .....             |  | .... | ....       | ....           |
| AEDG-381KD-24P-GG |  | 24   | 3.81x(N-1) | 3.81x(N-1)+4.6 |

|                                         |  |               |       |        |
|-----------------------------------------|--|---------------|-------|--------|
| UL Standard                             |  | B             | C     | D      |
| Rated Voltage(V)/Current(A)             |  | 300/8         | 300/8 | 300/8  |
| IEC Standard                            |  |               |       |        |
| Overvoltage Category/Pollution Degree   |  | Ⅲ/3           | Ⅲ/2   | Ⅲ/3    |
| Rated Voltage(V)/Current(A)             |  | /             | /     | 250/12 |
| Rate Impulse Voltage(KV)                |  | /             | /     | 2.5    |
| Wire Range(rigid and flexible)(mm²/AWG) |  | 0.2~1.5/28~16 |       |        |
| Pitch(mm)/Poles                         |  | 3.81/N=02~24P |       |        |
| Stripping length(mm)                    |  | 9             |       |        |
| Operating temperature(°C)               |  | -40C°~+105C°  |       |        |
| Conform to RoHS                         |  | Yes           |       |        |

|      |              |                 |           |
|------|--------------|-----------------|-----------|
| 5    | Spring       | Stainless steel | /         |
| 4    | Clamp        | Copper Alloy    | Sn Plated |
| 3    | Button       | POM             | UL94HB    |
| 2    | Cover        | PA66            | UL94V-0   |
| 1    | Housing      | PA66            | UL94V-0   |
| ITEM | NAME OF PART | MATERIAL        | NOTES     |

|                   |  |                                               |  |                |  |
|-------------------|--|-----------------------------------------------|--|----------------|--|
| GENERAL TOLERANCE |  | DONGGUAN BAOXUN PRECISION TECHNOLOGY CO., LTD |  | BXCONN®        |  |
| DIM. TOL.         |  | TITLE: Socket-type terminal                   |  | QR CODE        |  |
| GENERAL ANGLE:    |  | DWG. NO.: AEDG-381KD-NP-GG                    |  | CHECKED: MAX   |  |
|                   |  | PART NO.: AEDG-381KD-NP-GG                    |  | DRAWN: ELLA    |  |
|                   |  | UNIT: mm                                      |  | APPROVED: WILL |  |
|                   |  | SCALE: none                                   |  |                |  |
|                   |  | SHEET: 1 of 1                                 |  |                |  |
|                   |  | DWG. SIZE: A4                                 |  |                |  |
|                   |  | LAYER: bxconn                                 |  |                |  |