

General tolerances(mm)

|             |              |               |                |                |                |                |                 |                  |                  |                  |                  |                  |       |
|-------------|--------------|---------------|----------------|----------------|----------------|----------------|-----------------|------------------|------------------|------------------|------------------|------------------|-------|
| 0<br>~<br>3 | >3<br>~<br>6 | >6<br>~<br>10 | >10<br>~<br>18 | >18<br>~<br>30 | >30<br>~<br>50 | >50<br>~<br>80 | >80<br>~<br>120 | >120<br>~<br>180 | >180<br>~<br>250 | >250<br>~<br>315 | >315<br>~<br>400 | >400<br>~<br>500 | >500  |
| ±0.12       | ±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 |

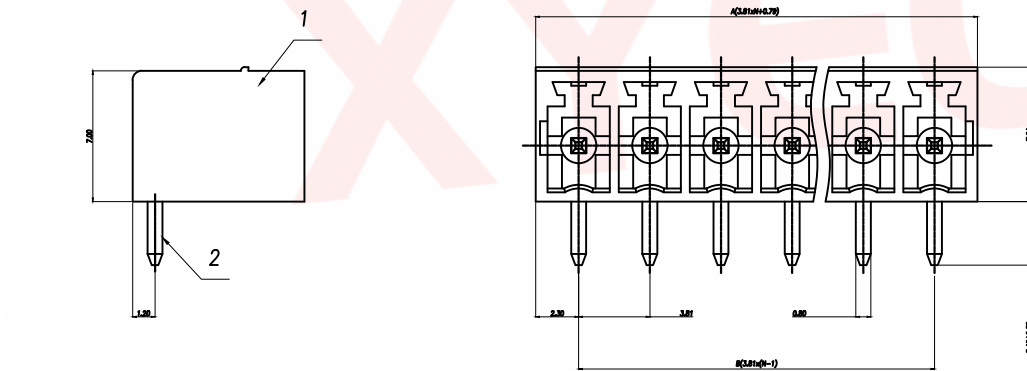
0.1/10

±2°

| Product model        | PIN  | A           | B          | c          |
|----------------------|------|-------------|------------|------------|
| XDCB-2A381M-20-3G61  | 2    | 8.41        | 3.81       | 3.81       |
| XDCB-3A381M-20-3G61  | 3    | 12.22       | 7.62       | 7.62       |
| XDCB-4A381M-20-3G61  | 4    | 16.03       | 11.43      | 11.43      |
| XDCB-5A381M-20-3G61  | 5    | 19.84       | 15.24      | 15.24      |
| XDCB-6A381M-20-3G61  | 6    | 23.65       | 19.05      | 19.05      |
| XDCB-7A381M-20-3G61  | 7    | 27.46       | 22.86      | 22.86      |
| .....                | .... | .....       | ....       | ....       |
| XDCB-24A381M-20-3G61 | 24   | 3.81xN+0.79 | 3.81x(N-1) | 3.81x(N-1) |

| UL Standard                           | B             | C | D     |
|---------------------------------------|---------------|---|-------|
| Rated Voltage(V)/Current(A)           | 300/8         | / | 300/8 |
| IEC Standard                          |               |   |       |
| Overvoltage Category/Pollution Degree | II/2          |   |       |
| Rated Voltage(V)/Current(A)           | 250/7         |   |       |
| Rate Impulse Voltage(KV)              | 2.5           |   |       |
| Pitch(mm)/Poles                       | 3.81/N=02~24P |   |       |
| Operating temperature(°C)             | -40~+105      |   |       |
| Conform to RoHS                       | Yes           |   |       |

|      |              |              |           |
|------|--------------|--------------|-----------|
| 2    | Pin          | Copper alloy | Sn plated |
| 1    | Housing      | PA66         | UL94V-0   |
| ITEM | NAME OF PART | MATERIAL     | NOTES     |



PCB LAYOUT

| DIMENSION IN mm                      |           | 厦门市辛译精密电子有限公司<br>Xiamen XinYi Xyconn Electronics Co.,Ltd |      |                                                                                                              |           |
|--------------------------------------|-----------|----------------------------------------------------------|------|--------------------------------------------------------------------------------------------------------------|-----------|
| TOLERANCE UNLESS OTHERWISE SPECIFIED |           | TITLE:<br>Socket-type terminal                           |      |                                                                                                              |           |
| .X±0.35                              | X.*± 5°   | APR.                                                     | Alex | DWG NO. XDCB-NA381M-20-3G61                                                                                  |           |
| .XX±0.25                             | .X.*± 3°  | CHK.                                                     | Jack | PROJ.  CUSTOMER DRAWING |           |
| .XXX±0.15                            | .XX.*± 1° | DRA.                                                     | Can  | SIZE A4                                                                                                      | SCALE 1:1 |
|                                      |           |                                                          |      | SHEET 1/3                                                                                                    | REV. A    |