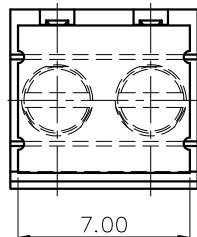
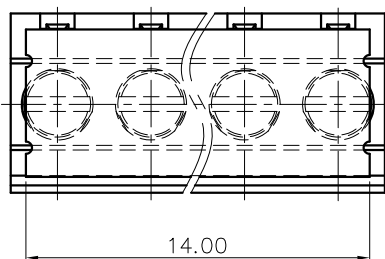


The MYLAR with 7.0mm length is for 2P or 3P products



The MYLAR with 14.0mm length is for products of more than 4P



## REVISION RECORD

| REV | ECN | DESCRIPTION | DRFT | DATE |
|-----|-----|-------------|------|------|
|-----|-----|-------------|------|------|

## NOTES1:

UL Standard

1. Rated voltage/current : 300V / 10A
2. Withstanding voltage : AC1600V/1Min.
3. Torque value : M2 , 1.77Lb.in
4. Wire range : 26~16AWG

## IEC Standard

|                          |        |        |        |
|--------------------------|--------|--------|--------|
| 1. Pollution degree      | 2      | 2      | 3      |
| Overvoltage category     | II     | III    | III    |
| Rate impulse voltage(KV) | 2.5 KV | 2.5 KV | 2.5 KV |
| Rate voltage(V)          | 200 V  | 200 V  | 63 V   |
| Rate current(A)          | 13.5A  |        |        |

2. Torque value : M2 , 0.2N·m
3. Wire range : 0.2~1.5mm<sup>2</sup>

## NOTES2:

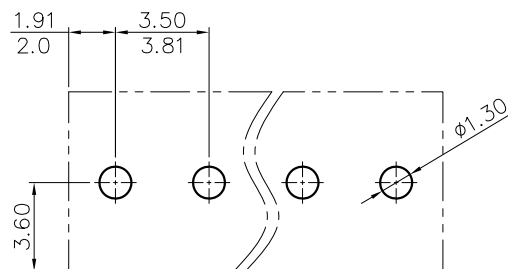
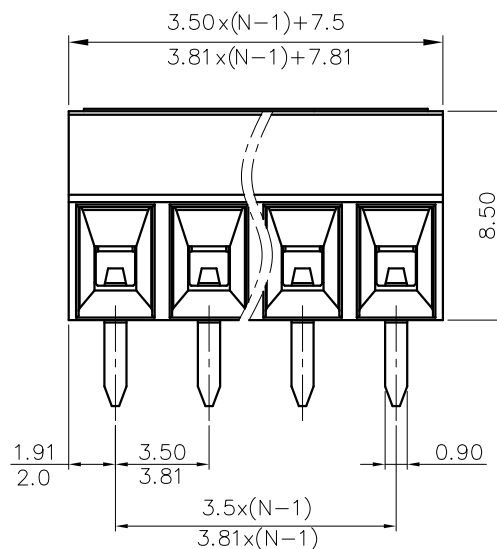
1. Dimension shall be interpreted per ASME Y14.5-2009
2. Pitch : 3.5/3.81mm, Poles : N=02~08P
3. Stripping length : 5~6mm
4. Operating temperature: -40°C~+130°C
5. Undimensioned tolerances:

| Pitch range in mm |              | Nominal dimension range in mm |       |               |                |                 |          | —      | ∩ | □ |
|-------------------|--------------|-------------------------------|-------|---------------|----------------|-----------------|----------|--------|---|---|
| TO 6              | Over 6 TO 10 | Over 10 TO 24                 | TO 30 | Over 30 TO 60 | Over 60 TO 100 | Over 100 TO 150 | Over 150 | 0.1/10 | ≤ |   |
| ±0.15             | ±0.20        | ±0.30                         | ±0.30 | ±0.50         | ±0.70          | ±1.00           | ±1.30    | ±2°    |   |   |

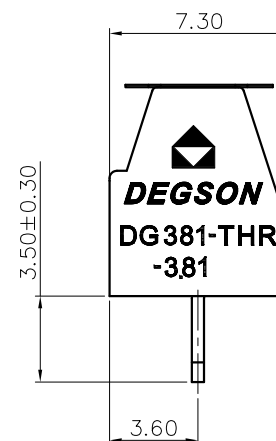
## 6. RoHS Compliance


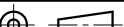

DG381 - THR - 3.5/3.81 - XXP - 1Y - 00A (H)

(Series No.) (Through Holes Reflow) (Pitch) (Poles) (Single Pitch) (Color): 1.(Grey) 3.(Black)



P.C.B LAYOUT



|                        |   |   |   |                      |           |     |
|------------------------|---|---|---|----------------------|-----------|-----|
| DETACHED LISTS         | PART NO.:   | /   |  宁波高松电子有限公司<br>NINGBO DEGSON ELECTRICAL CO., LTD |                      |           |     |
|                        | APPD:   | /   | NAME:   |                      |           |     |
|                        | CHKD:   | /   | DG381-THR-3.5/3.81-XXP-1Y-00A(H)  |                      |           |     |
|                        | DRFT:   | /   | TITLE: CUSTOMER DRAWING   |                      | REV       | DO  |
|                        |  |   | DRAWING NO.: /  |                      | SHEET     | 1/1 |
| THIRD ANGLE PROJECTION |   |  |   | DO NOT SCALE DRAWING | SCALE 1:1 |     |