

## REVISION RECORD

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

## NOTES1:

UL Standard

1.Rated voltage/current : 300V / 15A

3.Wire range : 28~12AWG

IEC Standard

1.Rated voltage/current : 450V / 17A

3.Wire range : 0.2~2.5mm<sup>2</sup>

## NOTES2:

1.Dimension shall be interpreted per ASME Y14.5-2009

2.Pitch : 5.00mm, Poles : N=01~XXP

3.Stripping length : 5~6mm

4.Withstanding voltage : AC2500V/1Min

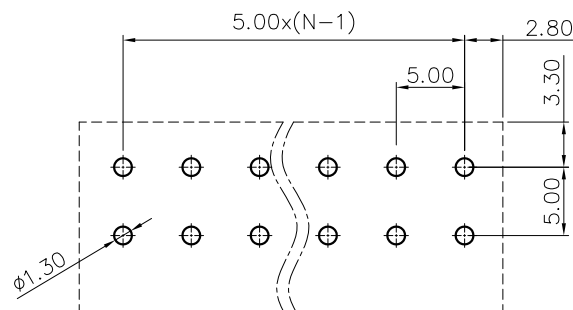
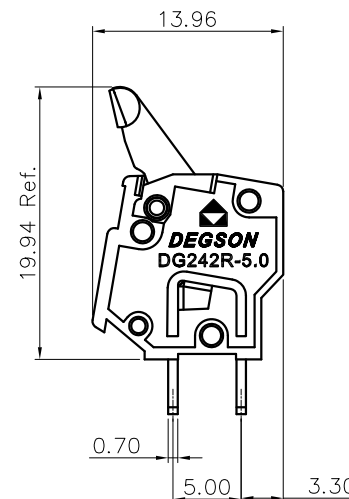
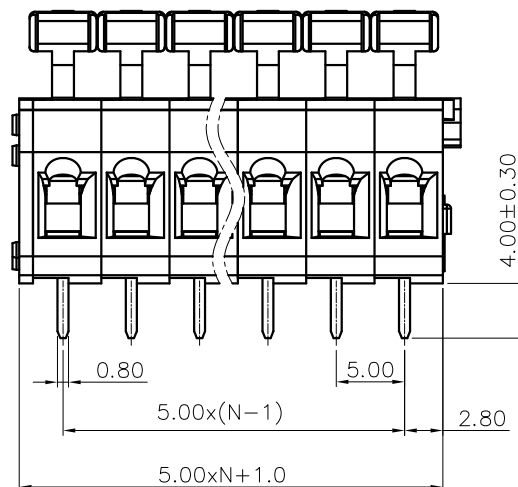
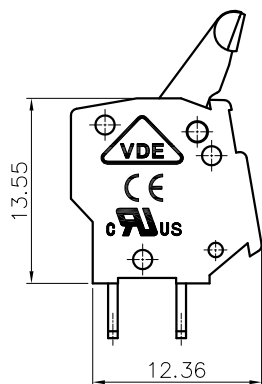
5.Operating temperature: -40°C~+105°C

6.Undimensioned tolerances:

| Pitch Range In mm |      | Nominal Dimension Range In mm |      |    |      | -   | ∩   | □   |
|-------------------|------|-------------------------------|------|----|------|-----|-----|-----|
| TO                | Over | TO                            | Over | TO | Over | TO  | TO  | TO  |
| 6                 | 6    | 10                            | 10   | 30 | 30   | 60  | 100 | 150 |
| 10                | 10   | 24                            | 24   | 60 | 60   | 100 | 150 | 150 |
|                   |      |                               |      |    |      |     |     |     |
|                   |      |                               |      |    |      |     |     |     |
|                   |      |                               |      |    |      |     |     |     |
|                   |      |                               |      |    |      |     |     |     |
|                   |      |                               |      |    |      |     |     |     |
|                   |      |                               |      |    |      |     |     |     |

7.RoHS Compliance

DG242R - 5.0 - XXP - 1Y - 00A (H)  
 (Series No.) (Pitch) (Poles) (Single Pitch) (Color): 1.(Grey)  
 2.(Blue)  
 3.(Black)  
 4.(Green)  
 5.(Orange)  
 6.(Red)  
 7.(Transparent)  
 8.(Yellow)  
 9.(White)



PCB LAYOUT

|                |                        |                                   |       |     |    |
|----------------|------------------------|-----------------------------------|-------|-----|----|
| DETACHED LISTS | PART NO.:              | NINGBO DEGSON ELECTRICAL CO., LTD |       |     |    |
|                | APPD:                  | NAME: DG242R-5.0-XXP-1Y-00A(H)    |       |     |    |
|                | CHKD:                  | TITLE: CUSTOMER DRAWING           |       |     |    |
|                | DRFT:                  | DRAWING NO.:                      |       | REV | DO |
|                | THIRD ANGLE PROJECTION |                                   | SHEET | 1/1 |    |