

## REVISION RECORD

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

## NOTES1:

UL Standard

- 1.Rated voltage/current : 300V / 20A
- 2.Torque value : M3 , 4.43Lb.in
- 3.Wire range : 26~12AWG

IEC Standard

- 1.Rated voltage/current : 450V / 20A
- 2.Torque value : M3 , 0.5N·m
- 3.Wire range : 0.5~2.5mm<sup>2</sup>

## NOTES2:

- 1.Dimension shall be interpreted per ASME Y14.5-2009
- 2.Pitch : 7.62mm, Poles : N=02~XXP
- 3.Stripping length : 8~9mm
- 4.Withstanding voltage : AC2500V/1Min
- 5.Operating temperature: -40°C~+105°C
- 6.Undimensioned tolerances:

| Pitch range in mm |    | Nominal dimension range in mm |       |       |       |       |       |
|-------------------|----|-------------------------------|-------|-------|-------|-------|-------|
| Over              | To | Over                          | To    | Over  | To    | Over  | To    |
| 6                 | 10 | 10                            | 24    | 30    | 60    | 100   | 150   |
| TO                | TO | TO                            | TO    | TO    | TO    | TO    | TO    |
| 6                 | 10 | 24                            | 30    | 60    | 100   | 150   | 150   |
| ±0.15             |    | ±0.20                         | ±0.30 | ±0.50 | ±0.70 | ±1.00 | ±1.30 |
|                   |    |                               |       |       |       | ±2°   |       |

## 7.RoHS Compliance

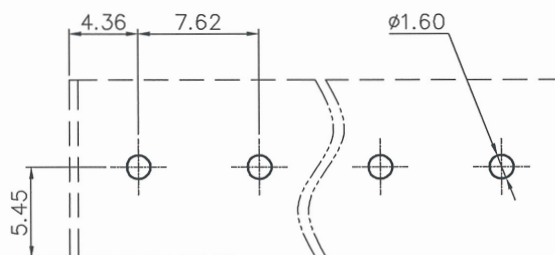
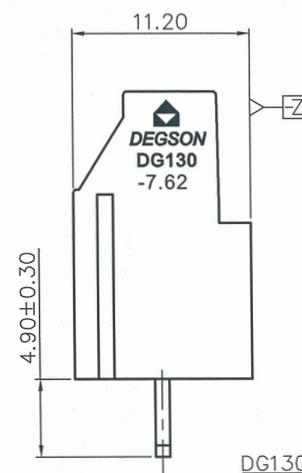
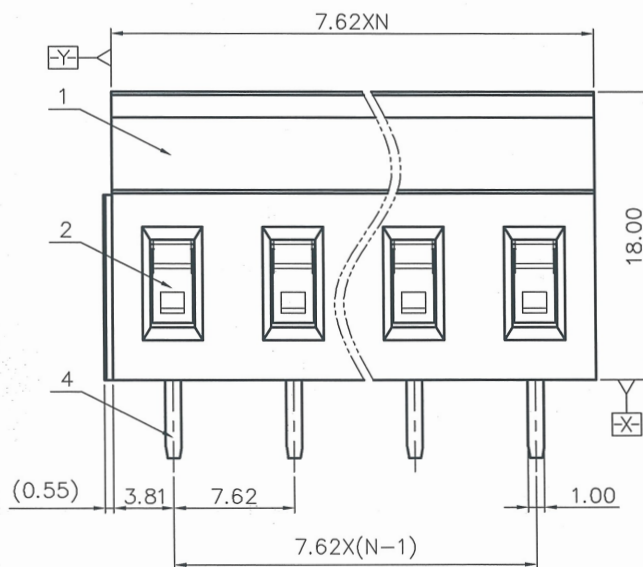
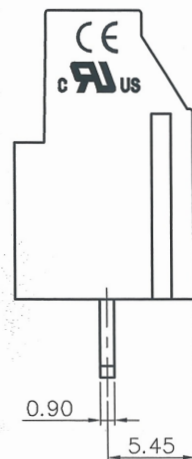
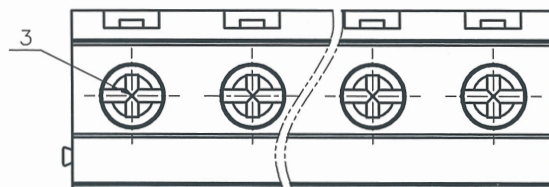
DG130 - 7.62 - XXP - 1Y - 02A (H)

(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)

| ITEM | NAME OF PART | MATERIAL     | NOTES        |
|------|--------------|--------------|--------------|
| 4    | Pin header   | Copper alloy | Sn Plated    |
| 3    | Screw        | Steel        | M3/Zn Plated |
| 2    | Cage         | Copper alloy | M3/Ni Plated |
| 1    | Housing      | PA66         | UL94V-0      |

|                |           |                                                       |  |  |
|----------------|-----------|-------------------------------------------------------|--|--|
| DETACHED LISTS | PART NO.: | /                                                     |  |  |
|                | APPD:     | Anym 2018-10-30                                       |  |  |
|                | CHKD:     | /                                                     |  |  |
|                | DRFT:     | ZX 2017.04.06                                         |  |  |
|                |           | THIRD ANGLE PROJECTION                                |  |  |
|                |           | NAME: 宁波高松电子有限公司<br>NINGBO DEGSON ELECTRICAL CO., LTD |  |  |
|                |           | TITLE: CUSTOMER DRAWING                               |  |  |
|                |           | DRAWING NO.: DG130-7.62-C02                           |  |  |
|                |           | DO NOT SCALE DRAWING                                  |  |  |
|                |           | SCALE: 1:1                                            |  |  |



PCB LAYOUT