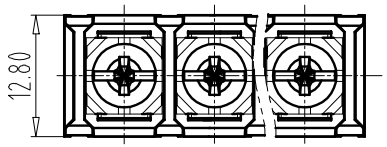
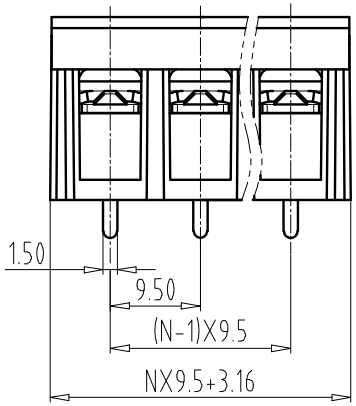
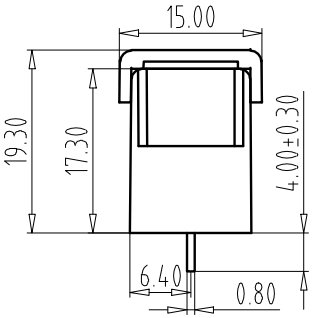
FILE: 2021-D01\ULO

| REV | E.C.N NO. | CONTENT | CHK | DATE |
|---|---|---|---|---|
| | | | | |

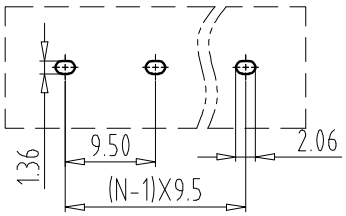
(Without Cover)




PCB LAYOUT




NOTES1:

UL Standard

1.

| Use group | B | C | D |
|---|---|---|---|
| Rated Current | 20A | 20A | 10A |
| Rated Voltage | 300V | 150V | 300V |

2.Wire range: 22～14AWG

IEC Standard

1.

| | |
|---|---|
| Pollution Degree | 2 |
| Overvoltage Category | Ⅲ |
| Rate Impulse Voltage(KV) | 6.0KV |
| Rate Voltage(V) | 600V |
| Rate Current(A) | 32A |

NOTES2:

1.Housing: PA66(UL94V-0)
2.Screw: Steel(M3/Ni Plated)
3.Pin header: Copper alloy(M3/Sn Plated)
4.Cover: PC(UL94V-2)

NOTES3:

1.Pitch: 9.5mm Poles: 02-22P
2.Stripping length: 9mm
3.Operating temperature: -40℃～+105℃
4.RoHS Compliance

How to order

ULO-TB42 - 48C/B - XXP - Y 100A

- ULO-TB42: Certificate Series NO.
- 48C/B: Factory Code
- XXP: poles
- Y: Customer requirements
- 100A: color:
  - 1:Grey
  - 2:Blue
  - 3:Black
  - 4:Green
  - 5:Orange
  - 6:Red
  - 7:transparent
  - 8:Yellow
  - 9:White

| Total Pitch Tolerances in mm | | | | | | | | | | Nominal dimension range in mm | | | | | | | | | | ⊥ | | ⏥ | — | // | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| over 0 to 30 | over 30 to 53 | over 53 to 70 | over 70 to 90 | over 90 to 115 | over 115 to 150 | over 150 to 200 | over 200 to 250 | over 250 to 320 | | over 0 to 30 | over 30 to 53 | over 53 to 70 | over 70 to 90 | over 90 to 115 | over 115 to 150 | over 150 to 200 | over 200 to 250 | over 250 to 320 | | over 0 to 10 | over 10 | all | over 0 to 100 | over 100 to 150 | over 150 |
| ±0.18 | ±0.20 | ±0.25 | ±0.3 | ±0.35 | ±0.44 | ±0.55 | ±0.70 | ±0.75 | | ±0.20 | ±0.25 | ±0.30 | ±0.35 | ±0.44 | ±0.55 | ±0.70 | ±0.80 | ±0.90 | | 0.2 | 0.3 | 0.3 | 0.2 | 0.3 | 0.5 |

| ITEM | NAME OF PART | | NO. OF PART | Q"TY | MATERIAL | | NOTE |
|---|---|---|---|---|---|---|---|
| DWG. | LZW | DATE | 21.05.31 | UNITS | MM | SHEET/OF | 1/1 |
| CHK. | | DATE | | SCALE | 1:1 | A4 | |
| APP. | | DATE | | NAME | ULO-TB42-48C/B-XXP-Y100A | | |
| NINGBO ULO ELECTRONICS CO.,LTD. 宁波欧路电子有限公司 | | | | DWGNO. | ULOTB42Y100A | | |