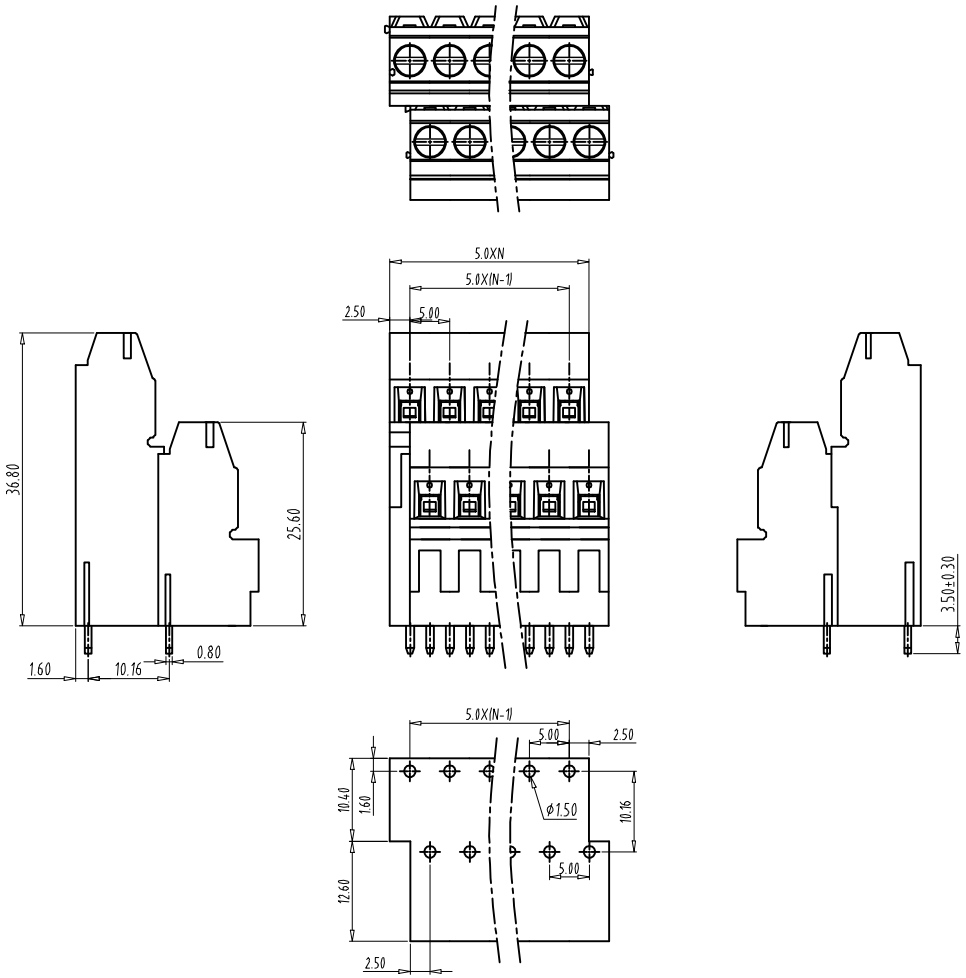
FILE: 2020-D01\ULO

REV	E.C.N NO.	CONTENT	CHK	DATE



PCB.Layout

NOTES1:

UL Standard

1.

Use group	B	C	D
Rated Current	20A	–	10A
Rated Voltage	300V	–	300V

2.Wire range: 12～28AWG

IEC Standard

1.

Pollution Degree	2
Overvoltage Category	II
Rate Impulse Voltage(KV)	4.0KV
Rate Voltage(V)	250V
Rate Current(A)	18A

2.Wire range: 1.0-2.5mm^2

NOTES2:

1.Housing: PA66(UL94V-0)
2.Conductor1: Brass(Sn Plated)
3.Conductor2: Brass(Sn Plated)
4.Cage: Brass(Ni Plated)
5.Screw: Steel(M2.5,Zn Plated)

NOTES3:

1.Pitch: 5.0mm Poles: 2×(02-24)P
2.Stripping length: 6-7mm
3.Operating temperature: -40℃～+105℃
4.RoHS Compliance

How to order

ULO-TB91 - 500AA/5.0 - 2×XXP - Y 0 0 0A

- ULO-TB91: Certificate Series NO.
- 500AA/5.0: Factory Code
- 2×XXP: poles
- Y 0 0 0A: Customer requirements
  - color:
    1:Grey 6:Red
    2:Blue 7:transparent
    3:Black 8:Yellow
    4:Green 9:White
    5:Orange

Total Pitch Tolerances 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
±0.18	±0.20	±0.25	±0.3	±0.35	±0.44	±0.55	±0.70	±0.75

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
±0.20	±0.25	±0.30	±0.35	±0.44	±0.55	±0.70	±0.80	±0.90

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over 0 to 10	over 10	all	over 0 to 100	over 100 to 150	over 150
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	21.05.15	UNITS	MM	SHEET/OF	1/1
CHK.		DATE		SCALE	1:1	A4	
APP.		DATE		NAME	ULO-TB91-500AA/5.0-2×XXP-Y000A		
NINGBO ULO ELECTRONICS CO.,LTD. 宁波欧路电子有限公司				DWGNO.	ULOTB91Y000A		