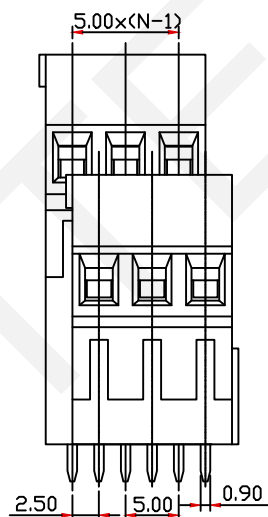
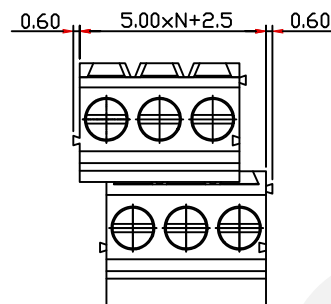
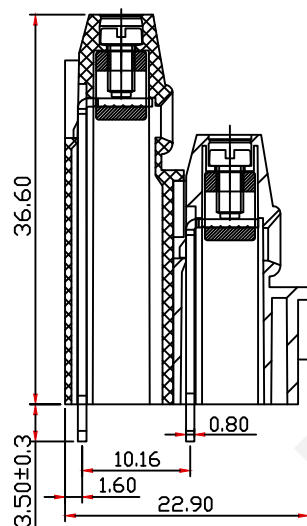


PCB LAYOUT



Material  
Housing: PA66, UL94V-0,  
Pin header: Brass, Tin plated  
Clamp: Brass, Ni, plated  
Screw: M2.5, Steel Zinc plated

Electrical  
Rated voltage: 300V  
Rated current: 15A  
Contact Resistance: 20 mΩ  
Insulation resistance: 500MΩ/DC500V  
Withstand voltage: AC2000V/1min  
Wire range: 30~14AWG 2.5mm<sup>2</sup>

Mechanical  
Temp. Range: -40℃~+105℃  
Strip length: 6~7mm  
Torque: 0.4 N.m (3.5Lb. in)

Order Information  
RHTBY28A2-5.00-XXP-4 S XX  
Terminal Block  
Pitch  
No. of Pole  
Color: 4-Green  
Screw: S-Slot Screw  
Product Code: 00~99



NINGBO RHT ELECTRONIC CO.,LTD

UNITS:mm

SHEET SIZE: A4

SCALE:---

DRWN BY PAN

Screw Conn Term Block 5.00mm

0~3

3~18

18~50

50~120

CHK'D BY FENG

THIRD ANGLE PROJECTION

RHTBY28A2-5.00-XXP-4S

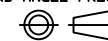
±0.12

±0.15

±0.3

±0.5

APPR BY ZHAN



1

2

3

4

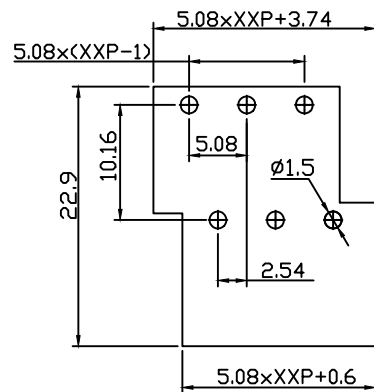
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6

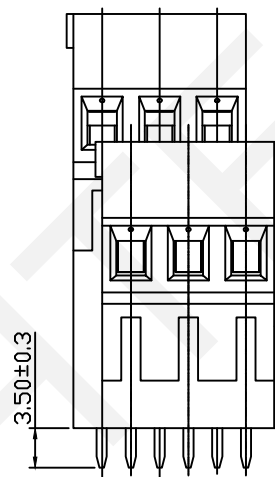
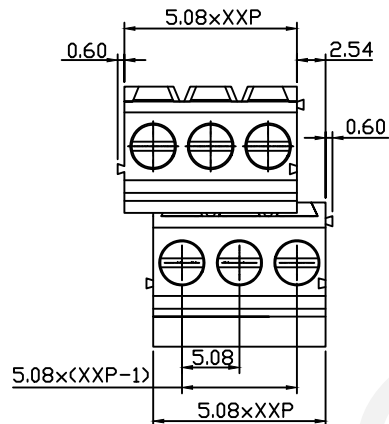
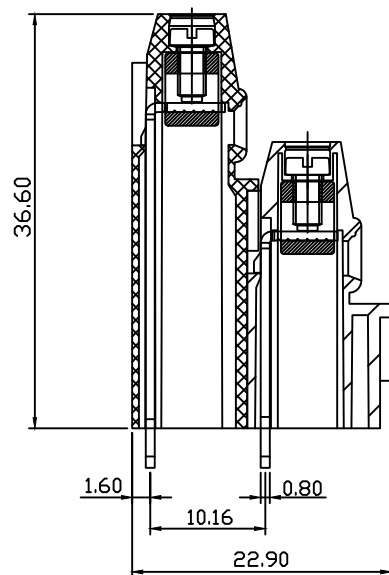
7

8

9



Recommended PCB Layout



Material and other:  
Housing: PA66, UL94V-0  
Pin header: Brass, Tin plated  
Cage: Brass, Ni plated  
Screw/Torque: Steel, Zn plated, M2.5/0.4N.m  
Contact Resistance: 20 mΩ  
Insulation resistance: 500MΩ/DC500V  
Stripping Length: 6~7mm  
Temp. Range: -40°C~+105°C  
Max Soldering: 250°C, for 5S

#### Order Information

RHTBY28A2-5.08-XXP-X X

Terminal Block

Pitch: 5.08mm

No. of (2x02~2x24) Pin

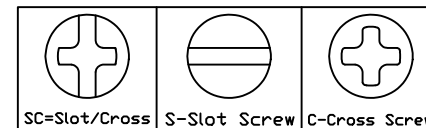
Color: 1=Gray 2=Blue 3=Black

4=Green 5=Orange 6=Red

7=Transp 8=Yellow 9=White

Screw: SC=Slot/Cross

S-Slot Screw C-Cross Screw



| Electrical Characteristics | UL           | IEC                 |
|----------------------------|--------------|---------------------|
| Rated Voltage              | 300V         | 250V                |
| Rated Current              | 15A          | 17.5A               |
| Withstand Voltage          | AC2000V/1min | ---                 |
| Wire Range                 | 30-14 AWG    | 1.5 mm <sup>2</sup> |

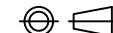


NINGBO RHT ELECTRONIC CO.,LTD

| UNITS:mm | SHEET SIZE: A4 | SCALE:--- | DRWN BY PAN   |
|----------|----------------|-----------|---------------|
| 0~3      | 3~18           | 18~50     | 50~120        |
| ±0.12    | ±0.15          | ±0.3      | ±0.5          |
|          |                |           | CHK'D BY FENG |
|          |                |           | APPR BY ZHAN  |

Pitch 5.08mm Terminal Blocks

THIRD ANGLE PROJECTION



RHTBY28A2-5.08-XXP-XX