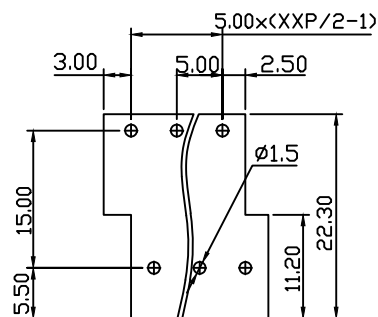
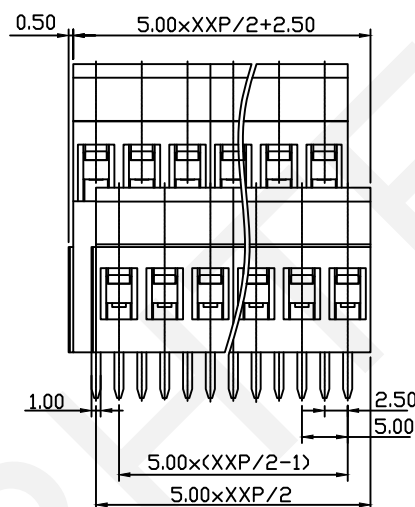
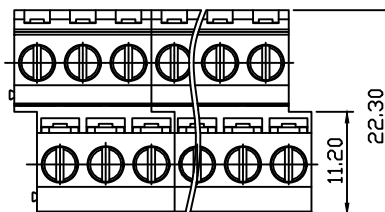
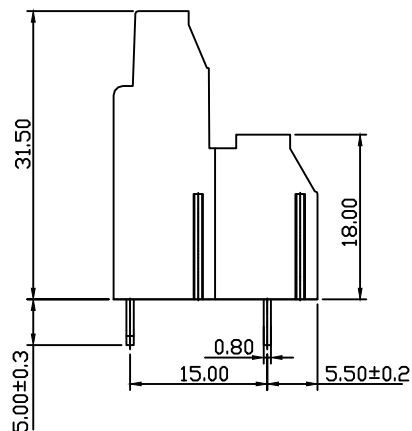




Recommended PCB Layout

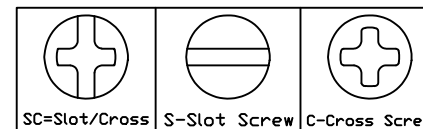


Material and other:
Housing: PA66, UL94V-0
Pin header: Copper Alloy, Sn Plated
Screw/Torque: Steel, M3.0 Zn Plated / 0.5N.m Max.
Cage: Brass, Ni Plated
Steip Length: 6~7mm
Operating Temperature: -40°C~+105°C,
Soldering Temperature: 260°C/5S

Order Information

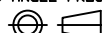
RHTBY30A-5.00-XXP-X X

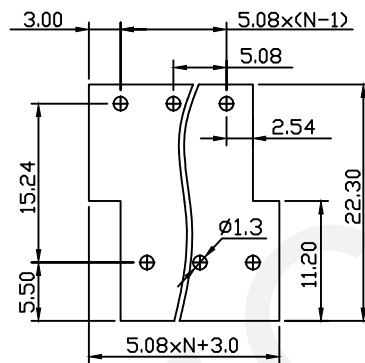
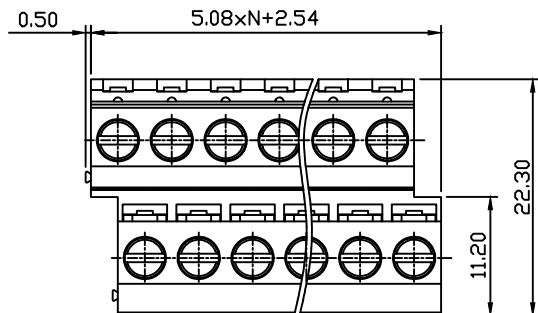
Terminal Block
Pitch: 5.0mm
No. of (04~48) Pins
Color: 1=Gray 2=Blue 3=Black
4=Green 5=Orange 6=Red
7=Transp 8=Yellow 9=White
Screw: SC=Slot/Cross
S-Slot Screw C-Cross Screw



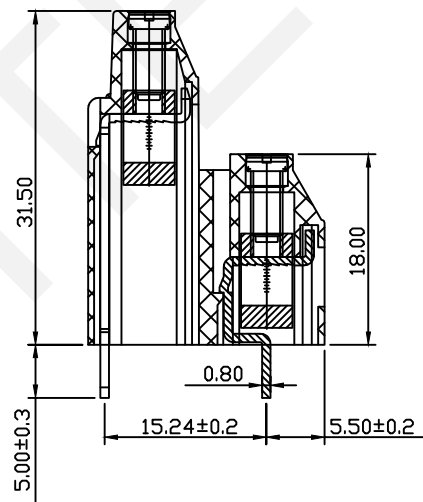
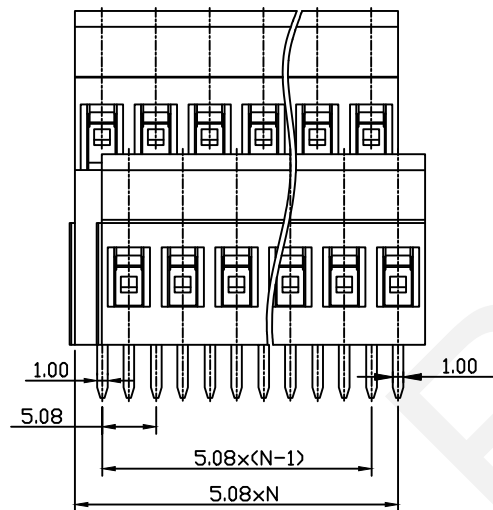
Electrical Characteristics	UL	IEC
Rated Voltage	300V	250V
Rated Current	20A	20A
Withstand Voltage	100V/1min	4.0KV
Wire Range	12~26 AWG	0.5~2.5 mm ²

RHTECP NINGBO RHT ELECTRONIC CO.,LTD

UNITS:mm	SHEET SIZE: A4	SCALE:---	DRWN BY PAN	Pitch 5.00mm Screw fixation Terminal Block	
0~3	3~18	18~50	50~120	CHK'D BY FENG	THIRD ANGLE PROJECTION 
±0.12	±0.15	±0.3	±0.5	APPR BY ZHAN	
				RHTBY30A-5.00-XXP-XX	



PCB Layout



Material
Housing: PA66, UL94V-0,
Pin header: Brass, Tin plated
Clamp: Brass, Ni plated
Screw: M3.0, Steel Zinc plated

Electrical
Rated voltage: 300V
Rated current: 20A
Contact Resistance: 20 mΩ
Insulation resistance: 500MΩ/DC500V
Withstand voltage: AC2000V/1min
Wire range: 26~12AWG 2.5mm²

Mechanical
Temp. Range: -40℃~+105℃
Strip length: 6~7mm
Torque: 0.5 N.m (4.5Lb. in)

Order Information
RHTBY30A-5.08-XXP-4 S XX
Terminal Block
Pitch
No. of Pole
Color: 4-Green
Screw: S-Slot Screw
Product Code: 00~99

RHTECP® NINGBO RHT ELECTRONIC CO.,LTD

UNITS:mm

SHEET SIZE: A4

SCALE:---

DRWN BY PAN

Screw Conn Term Block 5.08mm

0~3

3~18

18~50

50~120

CHK'D BY FENG

THIRD ANGLE PROJECTION

RHTBY30A-5.08-XXP-XX

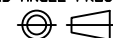
±0.12

±0.15

±0.3

±0.5

APPR BY ZHAN



1

2

3

4

5

6

7

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