

PIN	Signal Name	PIN	Signal Name
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B7	DN2
A6	DP1	B6	DP2
A7	DN1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

P.C.B Edge

Recommended PCB Layout

Tolerance:  $\pm 0.05\text{mm}$ ,

#### Notes:

##### Material:

Housing: LCP UL94V-0, Black

Terminal: C2680, G/F Plated On Contact Area

G/F Plated On Solder Area

Ni 30u" Min. Underplated Overall

Shell: SUS304, Ni 30u" Min. Plated Overall

Cover: SUS201

Mid Plate: SUS301, Cleaning

##### Electrical Specification:

Rated Current: Vbus And Gnd Pin 3.0A, Other Pin 0.25A

Contact Resistance: 40mΩ Max (Initial), 50mΩ Max (After)

Insulation Resistance: 100mΩ Min

Dielectric Withstanding Voltage: 100V AC R.M. S.

Mating Force: 5N~20N

Unmating Force: 8N~20N, (After Test: 6N~20N)

Durability: 10000 Cycles Min.

Operating Temperature: -40°C~85°C

Humidity: 80% R.H MAX

Salt Spray: 24H

Solder Ability: 245 $\pm$ 5°C, 5 $\pm$ 0.5s

IR Reflow: The Peak Temperature On The Board Shall Be Maintained For 10 Seconds AT 260°C

##### Order Information

RHTAY461-L2-01-R

USB Type —

Length: —

L1=1.3, L2=1.6, L3=2.0

Plating Code —

01=AU 1u" 03=AU 3u"

15=AU 15u" 30=AU 30u"

Packing: R=Reel —

**RHTECP** NINGBO RHT ELECTRONIC CO.,LTD

UNITS:mm SHEET SIZE: A4 SCALE:---

0~3 3~18 18~50 50~120

$\pm 0.12$   $\pm 0.15$   $\pm 0.3$   $\pm 0.5$

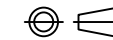
DRWN BY PAN

CHK'D BY FENG

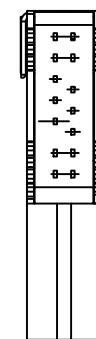
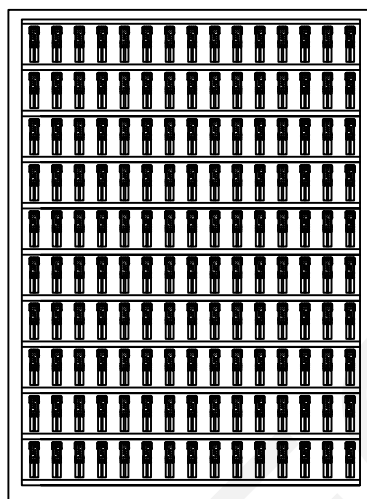
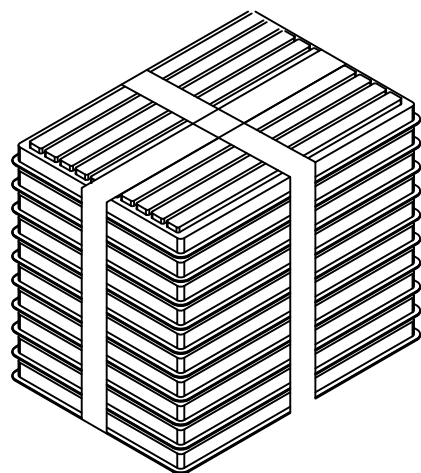
APPR BY ZHAN

USB Type-C Connector

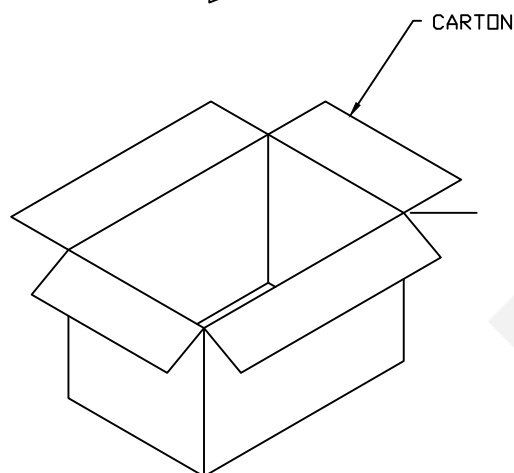
THIRD ANGLE PROJECTION



RHTAY461-LX-XX-R



Product



#### Instructions:

- 1.Prepare the required packaging materials according to the bill of materials,
- 2.The products that have been completed in the previous process are placed horizontally and uniformly in the vacuumformed box As shown in the figure, each tray of vacuum formed boxes contains 150PCS
- 3.Stack and match the bottom of the vacuum formed box filled with products with the box cover, and pack 40 trays in one box
- 4.The outer box is sealed with adhesive tape in the shape of a letter, and corresponding labels are affixed to the outer box

#### Notes:

- 1.Products inside the blister box cannot be packed too much or too little, and the direction must be consistent;
- 2.If there are unfilled cardboard boxes, foam or other items that do not affect quality must be used to fill them, and the last digit should be indicated on the carton head or label;
- 3.Confirm that the packaging material used has no nails or iron buckles or other connections,
- 4.150Pcs/Tray,40Tray/Carton,6000Pcs/Larton



NINGBO RHT ELECTRONIC CO.,LTD

UNITS:mm

SHEET SIZE: A4

SCALE:---

DRWN BY PAN

USB Type-C Connector

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



RHTAY461-LX-XX-R