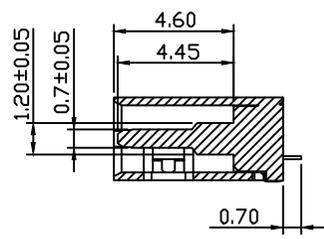
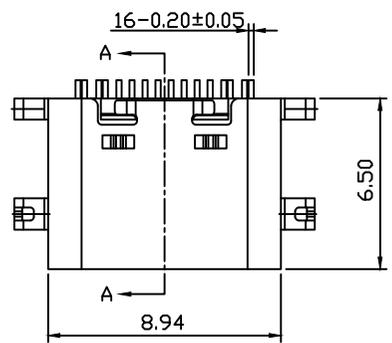


1 2 3 4 5 6 7 8 9

A

A



SECTION A-A

NOTES:

- 1.Material
- 1-1.Housing:High Temperature Resistant Plastic,UL94V-0.
- 1-2.Contacts:Copper Alloy(C18150)
- 1-3.Mid Plate:Stainless Steel(SUS301)
- 1-4.Front Shell:Stainless Steel(SUS304)
- 1-5.EMI Plate:Stainless Steel(SUS304)

2.Plating Specification:

- 2-1.Contacts:NI 50u" Min.Under Plated Over All Au Plated On The Functional Area Of Contact Tin Plated On The Solder Area
- 2-2.Front Shell:NI Plated Over All
- 2-3.MID Plate&EMI plate:Clear Only

3.Mechanical:

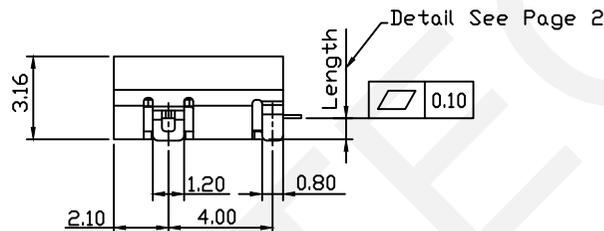
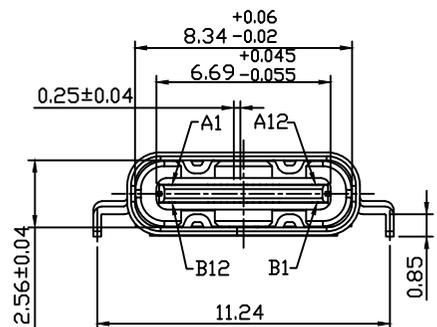
- 3-1.Insertion Force:0.5~2.0kgf
- 3-2.Removal Force:0.8kgf~2.0kgf
- 3-3.Durability:10000 Cycles

4.Electrical:

- 4-1 Voltage Rating:5 VDC/AC(RMS, Max)
- Current Rating:5 AMPS. For All Total VBUS/GND Pins 1.25AMPS For CC Pin,0.25 AMPS. For All Other Contact
- 4-2.LLCR:Vbus&GND Pins And Other Pins:40mΩ/Pin Max LLCR Max.Change Of All Pins:10mΩ
- 4-3.Insulation Resistance:100MΩ Min
- 4-4.Dielectric Withstand Voltage:AC 100V For 1 Minute
- 5.Operating Temperature:-25°C+85°C
- 6.IR Reflow:The Peak Temperature On The Board Shall Be Maintained For 10 Seconds At 260°C

B

B



C

C

D

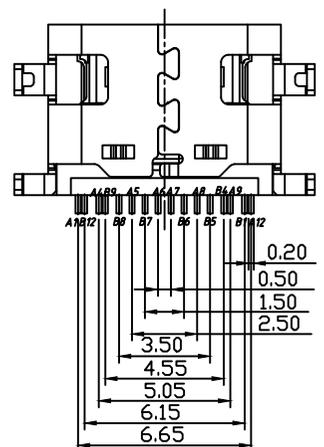
D

E

E

F

F



Order Information

RHTAY463-L1-01-R

USB Type

Length:

L1=0.8 L2=1.0 L3=1.3

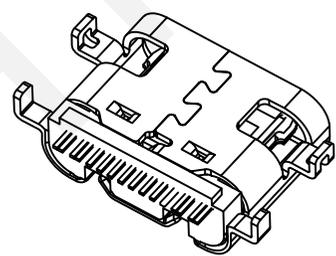
L4=1.6 L5=1.86 L6=2.1

Plating Code:

01=AU 1U" 03=3U"

15=AU 15" 30=AU 30U"

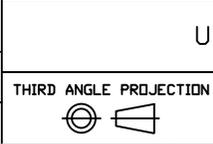
Packing:R=Reel



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

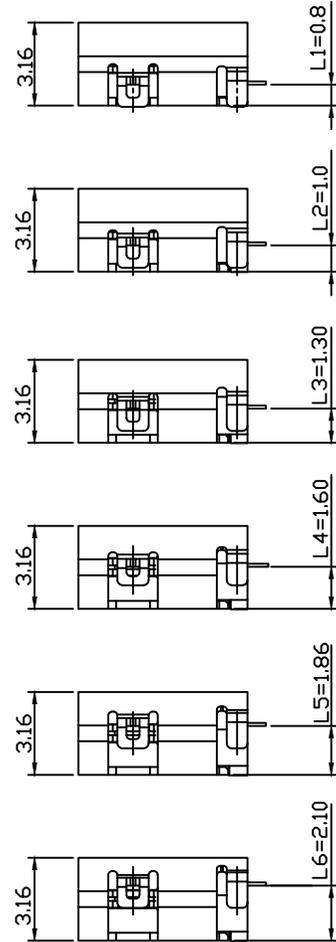
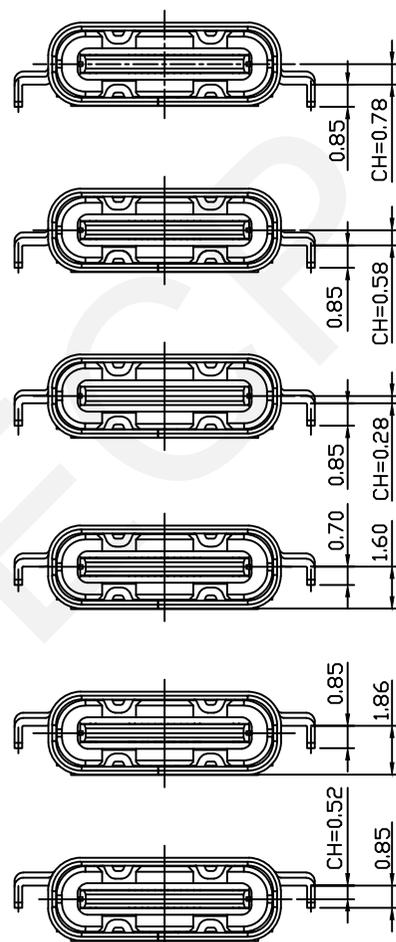
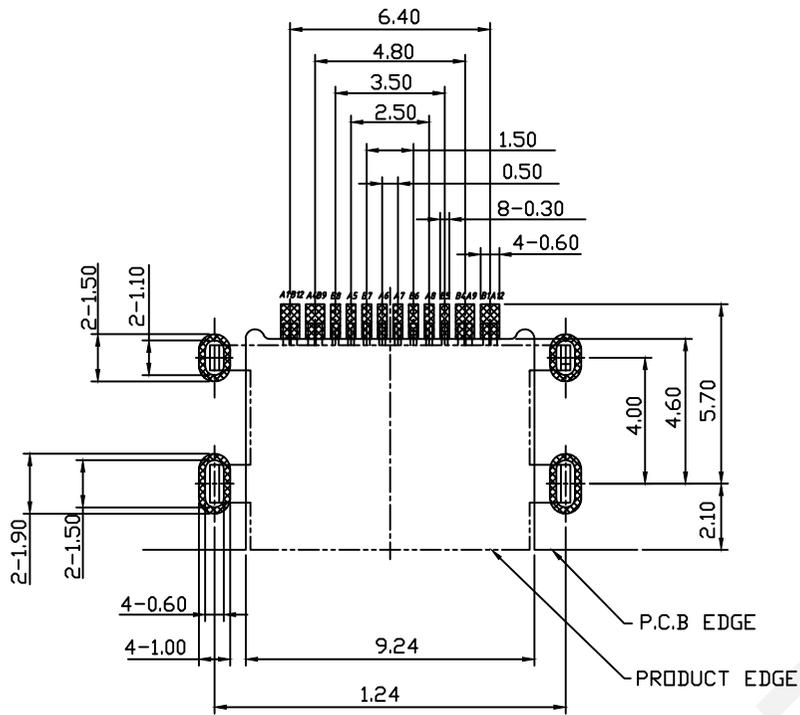
CHK'D BY FENG
APPR BY ZHAN



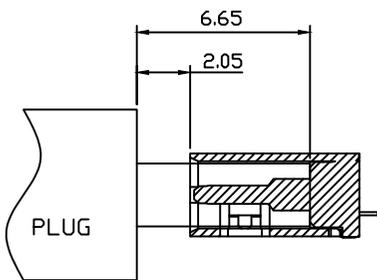
USB Connector

RHTAY463-LX-XX-R

1 2 3 4 5 6 7 8 9



AFTER MATING



USB TYPE-C Pin Assignments

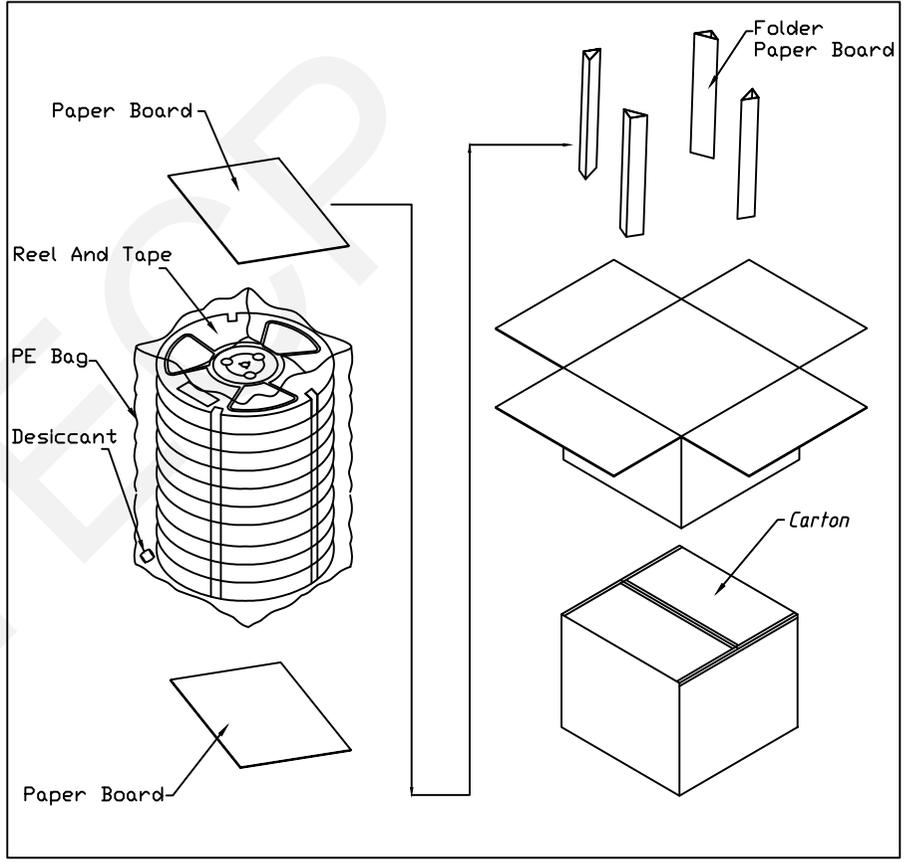
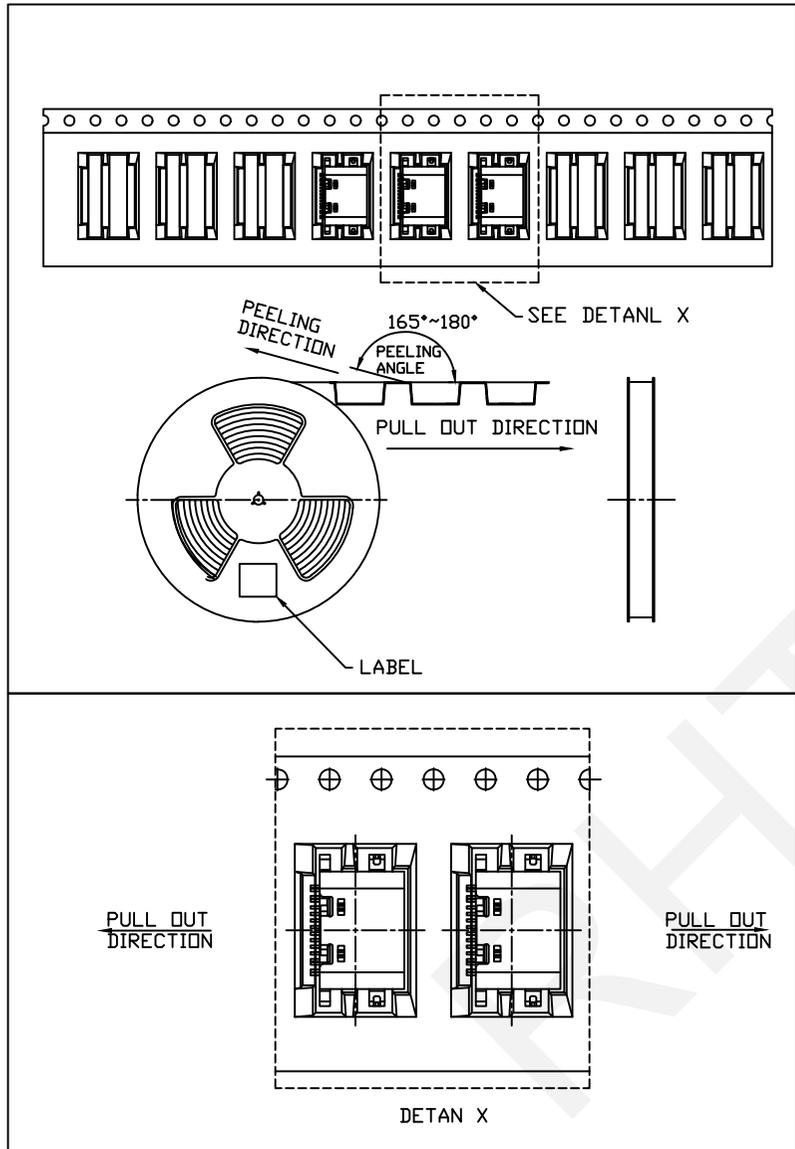
PIN	Signal Name	PIN	Signal Name
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

RHTECP NINGBO RHT ELECTRONIC CO.,LTD

UNITS:mm	SHEET SIZE: A4			SCALE:---	DRWN BY PAN
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	

USB Connector

RHTAY463-LX-XX-R



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

THIRD ANGLE PROJECTION

USB Connector
RHTAY463-LX-XX-R