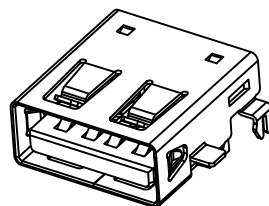


SECTION:A-A



Material

Housing:High Temperature Thermoplastic,
UL94V-0 LCP,Black/White.

Contact:Copper Alloy C2680

Shell:Copper Alloy C2680/SPCC

Finish:

Contact:Plated Gold In Mating Area;Tin On Solder Tails

Shell:Nickel Plating

Electrical:

Current Rating:1.5A/Contact Terminal.

Voltage Rating:30V DC

Contact Resistance:30mΩ Max.

Dielectric Withstanding Voltage:500 V AC AT Sea Level.

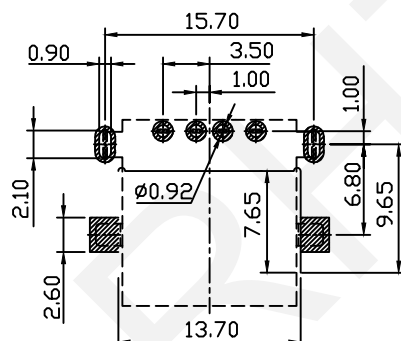
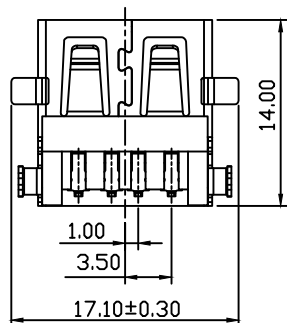
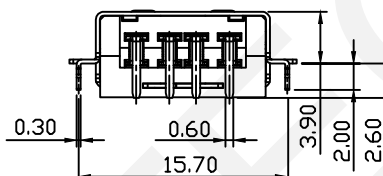
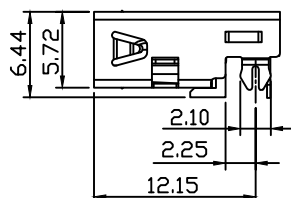
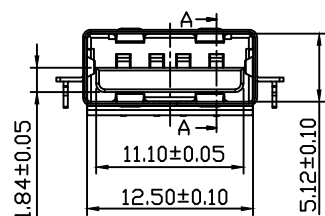
Insulation Resistance: 1000MΩ Min.

Connector Mate And Unmated Force

Mate Force:3.75kgf Max.

Unmated Force:1.02kgf Min.

Terminal Retention:1.2kgf Min



Order Information

RHTAY81I-B-R

USB 2.0 A Female

Color:W=White B=Black

Packing: P=Tray

R=Tape on REEL



NINGBO RHT ELECTRONIC CO.,LTD

UNITS:mm

SHEET SIZE: A4

SCALE:---

DRWN BY PAN

CONN COM TYPE A USB
Female MID MOUNT Reverse

0~3

3~18

18~50

50~120

CHK'D BY FENG

THIRD ANGLE PROJECTION



RHTAY81I-X-X

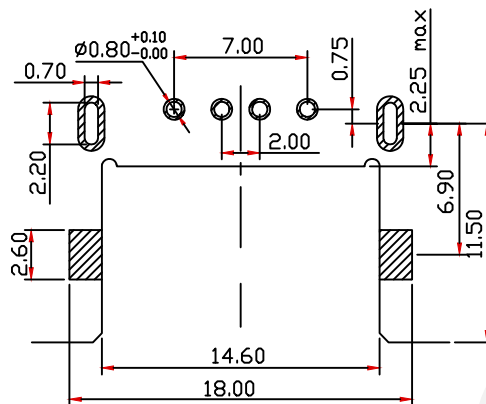
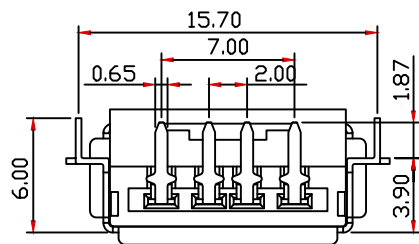
±0.12

±0.15

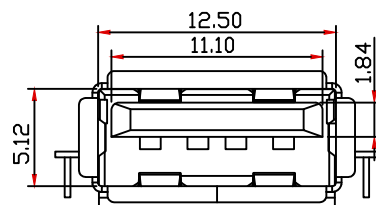
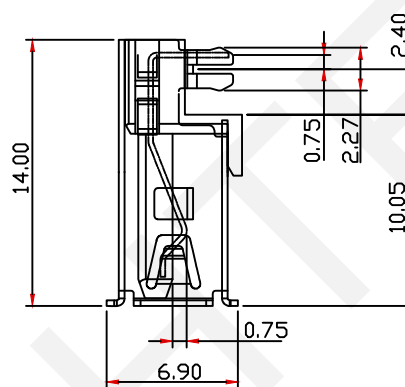
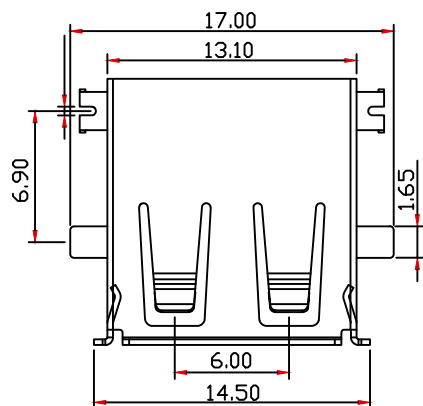
±0.3

±0.5

APPR BY ZHAN



RECOMMENDED PCB LAYOUT
TOLERANCE: $\pm 0.05\text{mm}$



Material

Housing: Thermoplastic plastics.

Terminals Copper Alloy.Gold plated in contact area.

Tin plated in Termination Nickel plated overall

Shell: Copper Alloy.Nickel plated overall.

Electrical

Rating Current: 1.5Ampere.

Rating Voltage: 30V Max.

Contact Resistance: 30m Ω Mill

Insulation Resistance: 1000M Ω Min.

Mechanical Characteristics.

Connector Mating force: 35N Max (3.57Kgf)

Connector Unmating force: 10N Min (1.02Kgf)

Durability: 1500 Cycles

Environment Characteristics:

Operating temperature: -45°C to +85°C

Order Information

RHTAY829-B

USB 2.0 AF CONN

Color: W=White B=Black



NINGBO RHT ELECTRONIC CO.,LTD

UNITS:mm

SHEET SIZE: A4

SCALE:---

DRWN BY PAN

CONN COM TYPE A USB
Female MID MOUNT H3.9mm

0~3

3~18

18~50

50~120

CHK'D BY FENG

THIRD ANGLE PROJECTION

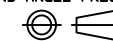
± 0.12

± 0.15

± 0.3

± 0.5

APPR BY ZHAN



RHTAY829-X