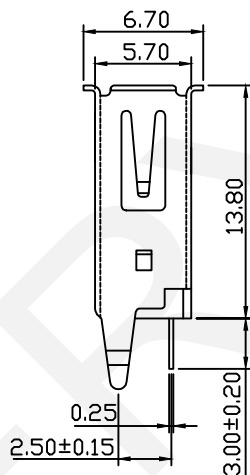
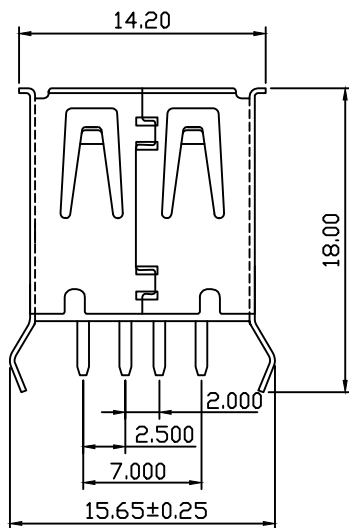


RECOMMENDED PCB LAYOUT



Material
 Housing:Hing Temperature Thermoplastic,UL94V-0
 PBT/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

ERYAY81B-B

CONN USB 2.0

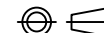
Color:W=White B=Black

NINGBO ERYCO ELECTRONIC CO.,LTD

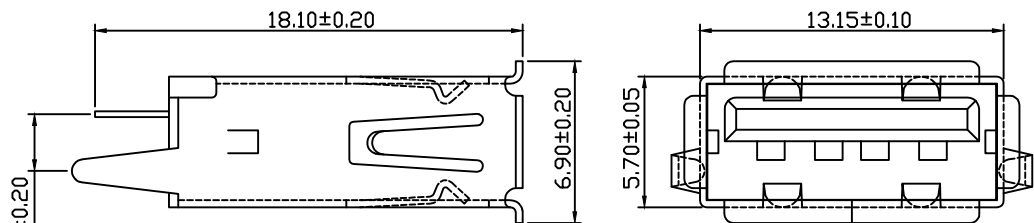
UNITS:mm	SHEET SIZE: A4			SCALE:---	DRWN BY PAN
0~3	3~18	18~50	50~120	CHK'D BY FENG	
±0.12	±0.15	±0.3	±0.5	APPR BY ZHAN	

CONN COM TYPE A USB
 Female Straight H13.7

THIRD ANGLE PROJECTION



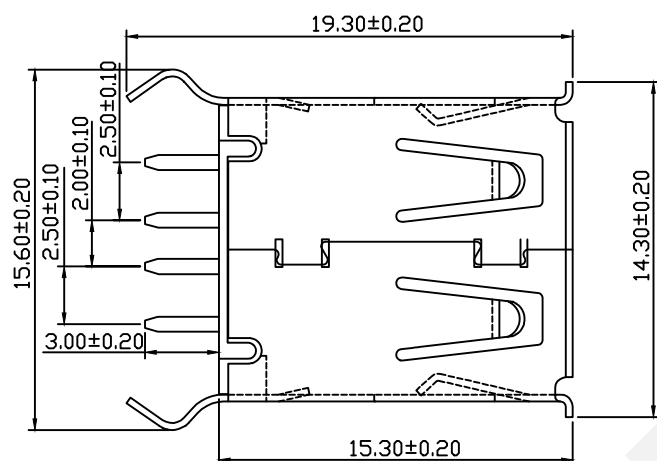
ERYAY81B-X



Material
 Housing: High Temperature Thermoplastic, UL94V-0
 PBT/LCP, Black/White.
 Contact: Copper Alloy C2680
 Shell: Copper Alloy C2680/SPCC

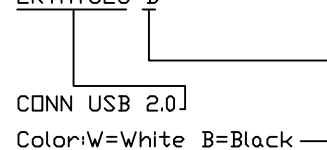
Finish:
 Contact: Plated Gold In Mating Area; Tin On Solder Tails
 Shell: Nickel Plating

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



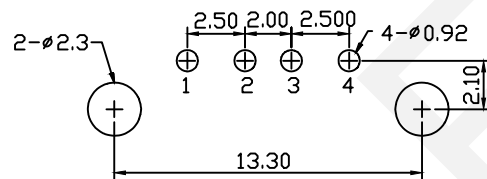
Order Information

ERYAY823-B



CONN USB 2.0

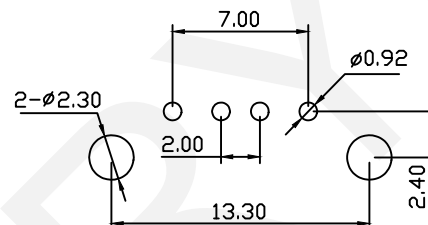
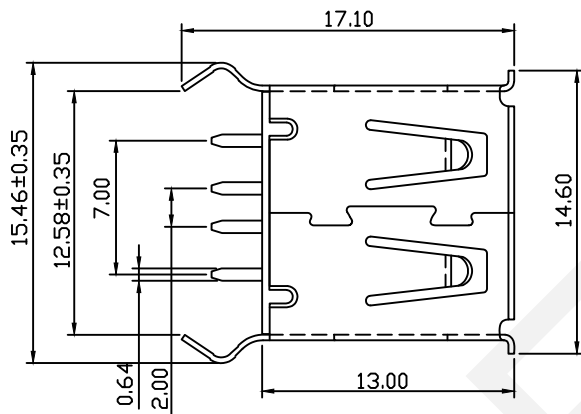
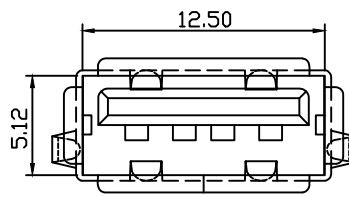
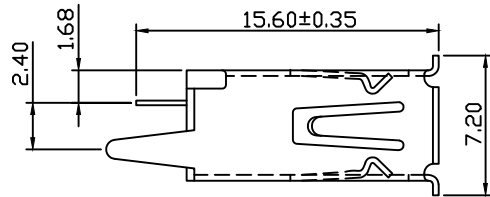
Color: W=White B=Black



NINGBO ERYCO ELECTRONIC CO.,LTD

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

CONN COM TYPE A USB Female Straight H15.0	
THIRD ANGLE PROJECTION 	ERYAY823-X



PCB LAYOUT

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: 1.5 Ampere.

Rating Voltage: 30V Max.

Contact Resistance: 30mΩ Mill

Insulation Resistance: 1000MΩ Min

Mechanical Characteristics:

Connector Mating Force: 35N Max (3.57Kgf)

Connector Unmating Force: 10N Min (1.02Kgf)

Durability: 1500 Cycles.

Environment Characteristics:

Operating Temperature: -0°C to +50°C

Order Information

ERYAY831-B

CONN USB 2.0

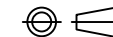
Color: W=White B=Black

NINGBO ERYCO ELECTRONIC CO.,LTD

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

CONN COM TYPE A USB
Female Straight H13.0

THIRD ANGLE PROJECTION



ERYAY831-X