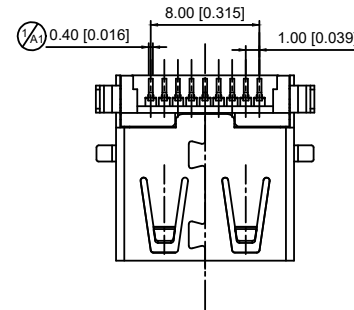
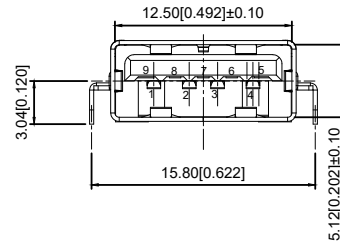
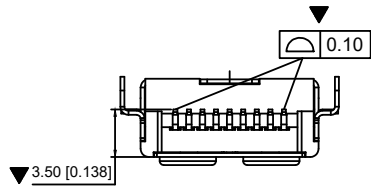




Pin #	SIGNAL NAME	DESCRIPTION	MATING SEQUENCE
1	VBUS	POWER	SECOND
2	D-	USB 2.0 DIFFERENTIAL PAIR	THIRD
3	D+		
4	GND	GROUND FOR POWER RETURN	SECOND
5	StdA_SSRX-	SUPERSPEED RECEIVER DIFFERENTIAL PAIR	LAST
6	StdA_SSRX+		
7	GND_DRAIN	GROUND FOR SIGNAL RETURN	
8	StdA_SSTX-	SUPERSPEED TRANSMITTER DIFFERENTIAL PAIR	
9	StdA_SSTX+		
Shell	Shield	CONNECTOR METAL SHELL	FIRST

Material

Housing Material: LCP, UL94V-0, blue

Contact Terminal: Brass

Metallic Shell: Brass

Plating

Underplating: Nickel

Contact Plating: 1μ" Gold

Solder Tail: 100μ" Min. Tin

Metallic Shell: Nickel

Electrical

Voltage Rating: 100 V AC

Current Rating: 0.25A (Signal pins 2,3,5,6,7,8,9) 1.8A (Power Pins 1,4)

Contact Resistance: 30mΩ Max.

Insulation resistance: 1000MΩ Min.

Dielectric withstanding voltage: 100V AC/Minute

Mechanical

Durability: 5000 cycles

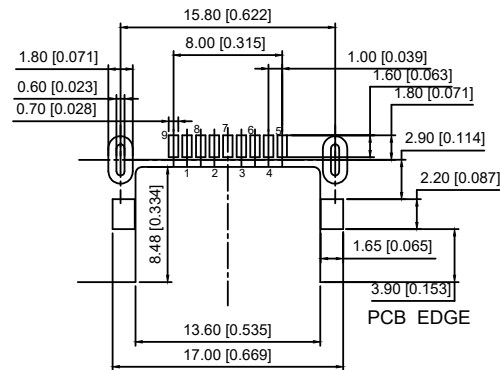
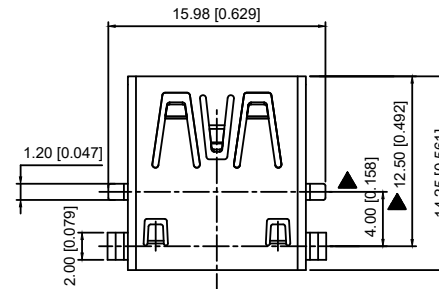
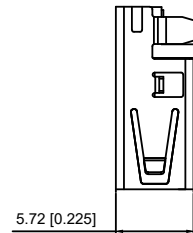
Mating Force: 35N (3.57Kgf) Max

Unmating Force: 10N (1.02Kgf) Min. initial, 8N min after test

Environmental and Processing

Operating Temperature: -40°C to +85°C

Salt Spray: 24H

RECOMMENDED PCBA LAYOUT
(TOLERANCE ±0.05)

U234-091N-4BLT03-S 5

1: Au 1U"	5: Brass
5: Au 15U"	S: Scrolls F: Flat
6: Au 30U"	B: BLACK W: WHITE BL: BLUE
T: TIN	
N: NICKEL	
1: PBT	
2: PA6T	
3: PA9T	
4: LCP	

MARK	DESCRIPTION	DATE	REVISED	APPROVED	UNSPECIFIED TOLERANCES
Δx					ANGULAR ±5°
Δx					L ≤ 4 ±0.2
Δx					4 < L ≤ 16 ±0.3
Δx					16 < L ≤ 63 ±0.4
Δx					L > 63 ±0.5
MARK	DESCRIPTION	DATE	REVISED	APPROVED	UNSPECIFIED TOLERANCES
REVISIONS					
www.helloxkb.com www.helloxkb.cn www.xk-dg.cn					

XKB

XKB INDUSTRIAL PRECISION CO., LIMITED

DSND		SCALE: N/A	MODEL TYPE: USB 3.0
DWN		VIEW:	PART NO.: U234-091N-4BLT03-S5
CHKD		UNIT: mm/in	DWG NO.: U234-091N-4BLT03-S5
APPD		SIZE: A4	WEIGHT SHEET REVISION
			1/1 A0