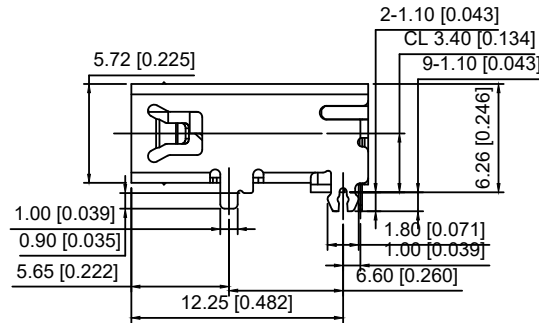
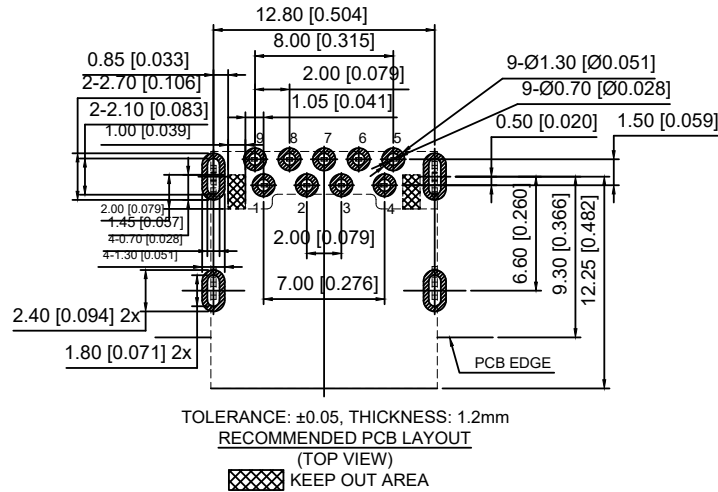
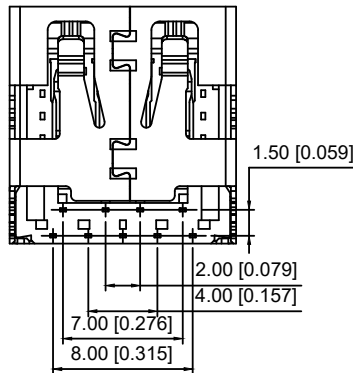
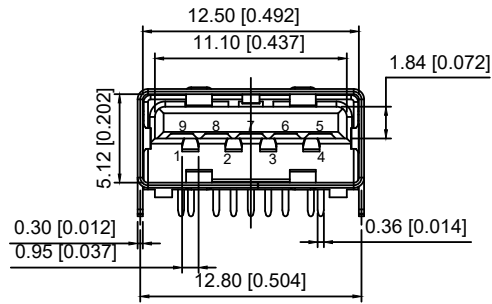
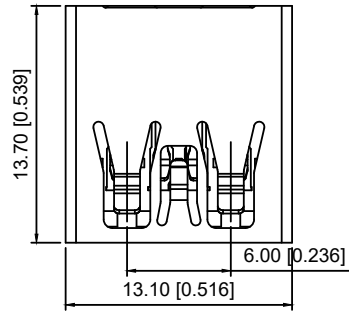
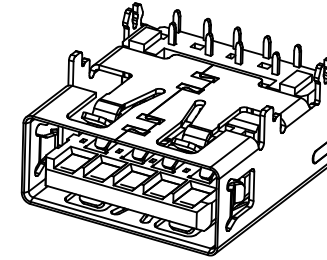




Pin #	SIGNAL NAME	DESCRIPTION	MATING SEQUENCE
1	VBUS	POWER	SECOND
2	D-	USB 2.0 DIFFERENTIAL PAIR	THIRD
3	D+		
4	GND	GROUND FOR POWER RETURN	SECOND
5	StdA_SSRX-	SUPERSPEED RECEIVER DIFFERENTIAL PAIR	LAST
6	StdA_SSRX+		
7	GND_DRAIN	GROUND FOR SIGNAL RETURN	
8	StdA_SSTX-	SUPERSPEED TRANSMITTER DIFFERENTIAL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



Material

Housing Material: PA9T, UL94V-0, green/blue

Contact Terminal: Brass

Metallic Shell: Brass

Plating

Underplating: Nickel

Contact Plating: 1μ " Gold

Solder Tail: 100 μ " Min. Tin

Metallic Shell: Nickel

Electrical

Voltage Rating: 100 V AC

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

Contact Resistance: 30m Ω Max.

Insulation resistance: 1000M Ω Min.

Dielectric withstanding voltage: 100V AC/Minute

Mechanical

Durability: 1500 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

U231-091N-3BRC10

B:BLACK W:WHITE
BL:BLUE

1:Au 1U"
5:Au 15U"
6:Au 30U"

					ANGLAR	±5°
Δx					L≤ 4	±0.2
Δx					4<L≤ 16	±0.3
Δx					16<L≤ 63	±0.4
MARK	DESCRIPTION	DATE	REVISED	APPROVED	L> 63	±0.5
REVISIONS					UNSPECIFIED TOLERANCES	
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XKB

XKB INDUSTRIAL PRECISION CO., LIMITED

DSND		SCALE: N/A	MODEL TYPE: USB 3.0
DWN		VIEW:	PART NO.: U231-091N-3BRC10
CHKD		UNIT: mm/in	DWG NO.: U231-091N-3BRC10
APPD		SIZE: A4	WEIGHT SHEET REVISION
			1/1 A0