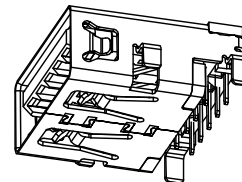
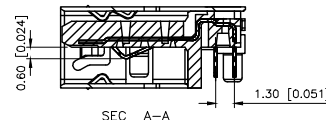
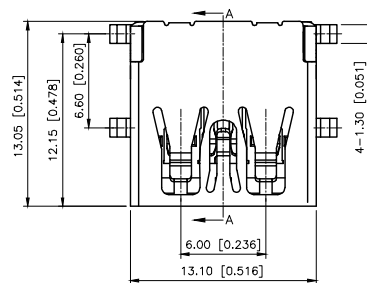


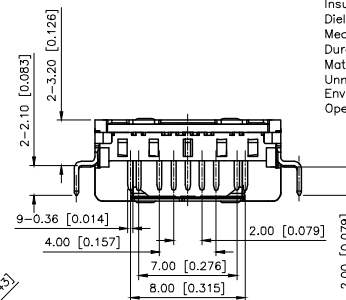
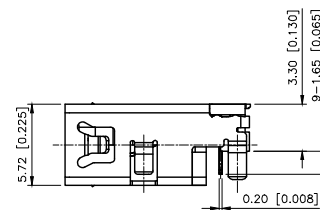
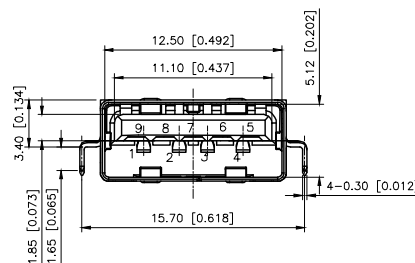
REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	/	/
A1	N/A			2025.08.13	

A

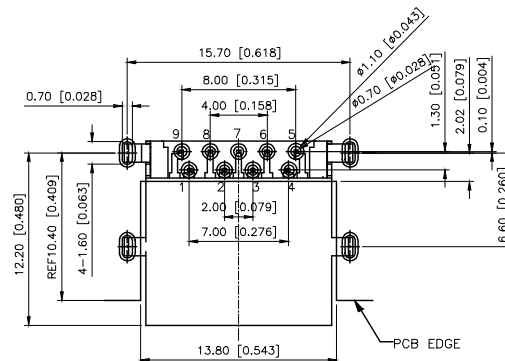
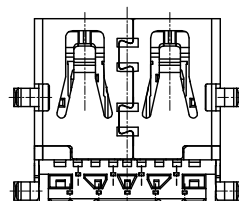


Material
Housing Material : LCP, UL94V-0, blue
Contact Terminal : Copper Alloy
Metallic Shell : SUS
Plating
Underplating : Nickel
Contact Plating : 1μ" Gold
Solder Tail : 100μ" Min. Tin
Metallic Shell : Nickel
Electrical
Voltage Rating : 100 V AC
Current Rating : 0.25A (Signal pins 2,3,5,6,7,8,9) 1.8A (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

B



C



TOLERANCE:0.05,THICKNESS:1.2mm
RECOMMENDED PCB LAYOUT

U231-09XN-4BLRT04-X5
1:Au 1U"
2:Au 3U"
BL:BLUE
4:LCP
5:BRASS
S:Scrolls

Pin Number	Signal Name	Pin Number	Signal Name
1	VBUS	5	SSRX-
2	D-	6	SSRX+
3	D+	7	GND
4	GND	8	SSTX-
Shell	Shield	9	SSRT+

D

AuGLAR	±5°
X.	±0.40
X.x	±0.30
X.xx	±0.20
X.xxx	±0.15
UNSPECIFIED TOLERANCES	



	DESIGN		VIEW: 	MODEL TYPE: USB 3.0
	CHECKED		UNIT: mm/in	PART NO.: U231-09XN-4BLRT04-X5
	APPROVED		SIZE: A4	DWG NO.:
REGIONAL CO., LIMITED				SCALE PAGE REVISION

XKB INDUSTRIAL PRECISION CO.,LIMITED