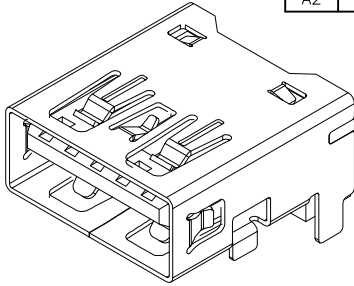
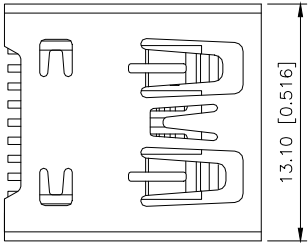
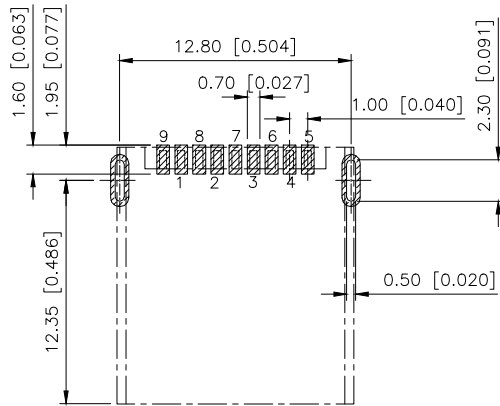
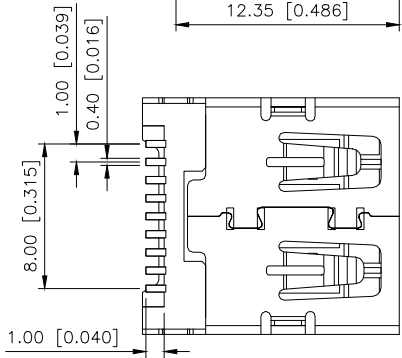
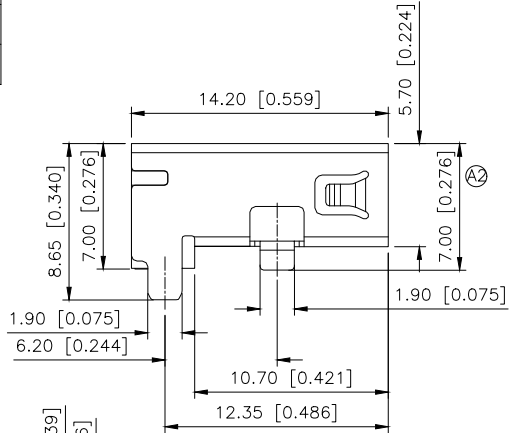
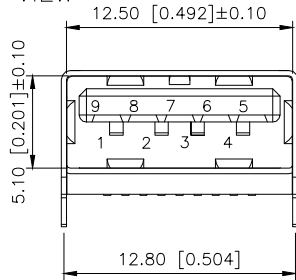


PIN NUMBER	SIGNAL NAME
PIN 1	Vbus
PIN 2	D-
PIN 3	D+
PIN 4	GND
PIN 5	StdA_SSRX-
PIN 6	StdA_SSRX+
PIN 7	GND_DRAIN
PIN 8	StdA_SSTX-
PIN 9	StdA_SSTX+
SHELL	GND



3D VIEW



RECOMMEND PCB LAYOUT(±0.05)

REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A1	N/A		图面升级整理图面	2025.05.06	阿树
A2	N/A	A2X1	产品外观及尺寸变更	2025.08.20	阿树

- NOTES :
- 1.MATERIAL:
- 1.1. HOUSING: LCP ,COLOR IS BLUE;
 - 1.2. CONTACT: BRASS (H65 T=0.20mm);
 - 1.3. SHELL: COLD ROLLED IRON (SPCC,T=0.3mm);
- 2.FINISH:
- 2.1. TERMINAL: CONTACT AREA: GOLD PLATED G/Fu"; SOLDER AREA: PLATED OVER TIN;
 - 2.2. SHELL: NI PLATED OVER ALL ;
- 3.ELECTRICAL:
- 3.1. VOLTAGE RATING: 30 VAC RMS;
 - 3.2. CURRENT RATING: 1.5 AMP;
 - 3.3. CONTACT RESISTANCE: 30MILLIOHMS MAX.;
 - 3.4. WITHSTAND VOLTAGE: 500 VAC RMS 50(60)Hz,1MIN.;
 - 3.5. INSULATION RESISTANCE: 100MEGOHMS MIN @500V DC;
- 4.MECHANICAL:
- 4.1. MATING FORCE: 35N MAX.;
 - 4.2. UNMATING FORCE: 5~35N;
 - 4.3. OPERATING LIFE: 1500 CYCLES MIN.;
- 5.ENVIRONMENTAL:
- 5.1. STORAGE TEMPERATURE RANGE: -40°C~+85°C ;
 - 5.2. OPERATION TEMPERATURE RANGE: -25°C~+70°C;
- 6.SALT SPRAY TEST:24H(EXCLUDING RIVETED BENDS)

U231-091N-4BLRA00-F

F:Flat

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

C	Housing	SPCC	Ni-Plated
B	Terminal	Brass H65	Solder area Tin Contact zone G/F
A	Pedestal	LCP	Blue
NO	NAME	MATERIAL	Remark

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



DESIGN	阿树	VIEW:		MODEL TYPE:	USB 3.0
CHECKED		UNIT:	mm/in	PART NO.:	U231-091N-4BLRA00-F
APPROVED		SIZE:	A4	DWG NO.:	X-U231-091N-4BLRA00-F

SCALE	PAGE	REVISION
N/A	1/1	A2