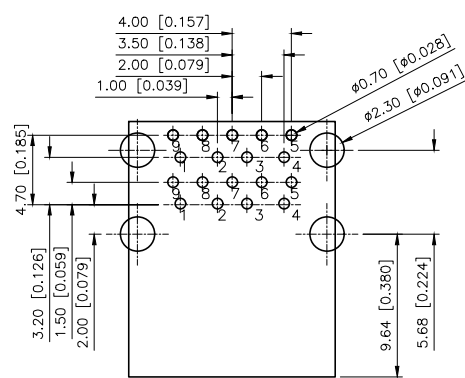
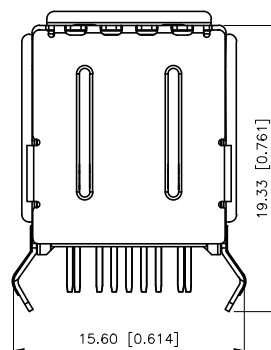
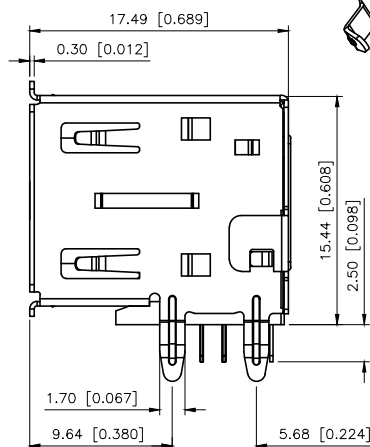
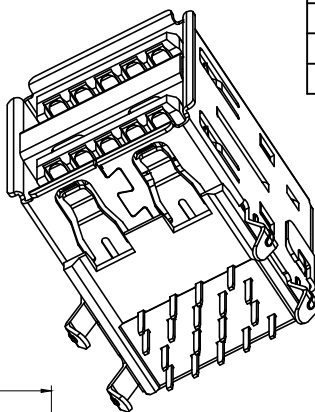
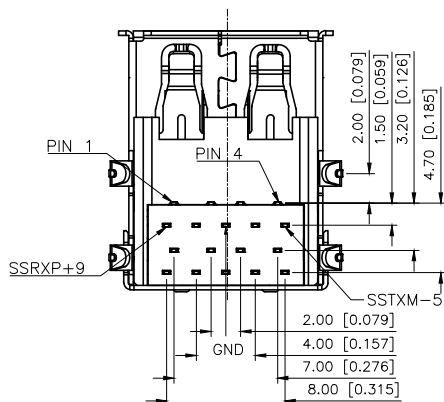
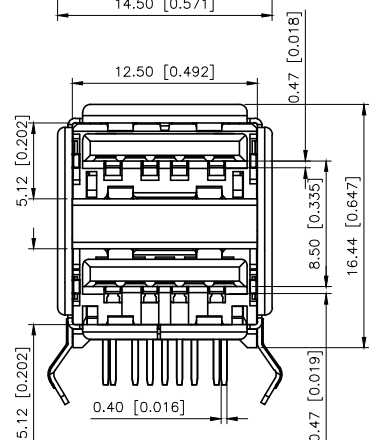
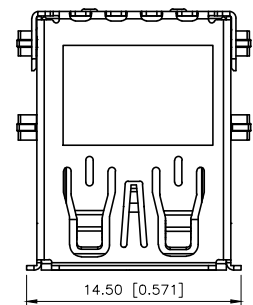




RECOMMENDED P.C.B HOLE LAYOUT
TOP VIEW(TOLERANCE:±0.05)

	REVISIONS				
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	/	/
A1	N/A		图面升级整理图面	2025.05.07	阿树

备注:

1.电气性能:

A. 额定电流: 1.5A MIN 250V AC.

B.接触电阻:50 mΩ.MAX

C.绝缘电阻:1000 MΩ MINI 300V/AC

D.电介质耐电压: 500V AC 1M

2. 环境性能

A.操作温度-40°C TO 85°C

3.机械特性

A.USB插拔测试:每小时200个周期,插拔3000周期,功能无损伤。

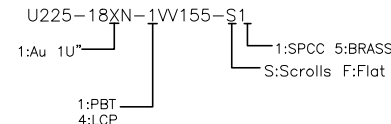
B.USB插拔力测试:对插测试5次后,插入力 $\leq 35\text{N}$,
拔出力 $\geq 10\text{N}$.插拔测试3000次后拔出力 $\geq 8\text{N}$.

D.接触PIN针与胶芯保持力 $\geq 0.8\text{kg}$.

4.耐高温: (PBT耐温220°, LCP耐温260°), 塑胶不能有起泡, 融胶等不良, 变色, 翘曲变形在公差范围以内。

5.产品焊锡测试,粘锡面积达到95%以上;

6.要求符合USB 2.0协会标准.



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

物料清单	4	中央片	SPCC	T=0.30mm 电镀: Cu ≥ 80u", Ni ≥ 10 0u
	3	壳子	SPCC	T=0.30mm 电镀: Cu ≥ 80u", Ni ≥ 10 0u
	2	塑胶	PBT	(耐温220°±5°)
			LCP	(耐温260°±5°)
	1	端子	C2680	T=0.20 电镀: Ni ≥ 50u Au: 1u" Sn ≥ 80u"
	序号	名称	材质	规格说明

AuGLAR	$\pm 5^\circ$
X.	± 0.40
X.x	± 0.30
X.xx	± 0.20
X.xxx	± 0.15
UNSPECIFIED TOLERANCES	

XK13 星城 Connection

DESIGN	阿树	VIEW: 	MODEL TYPE: USB 3.0
CHECKED		UNIT: mm/in	PART NO.: U225-18XN-1W155-S1
APPROVED		SIZE: A4	DWG NO.: