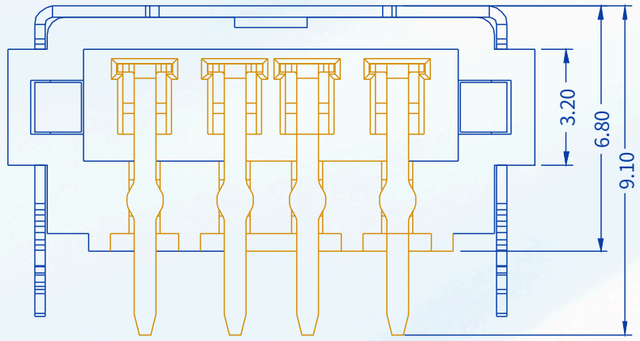
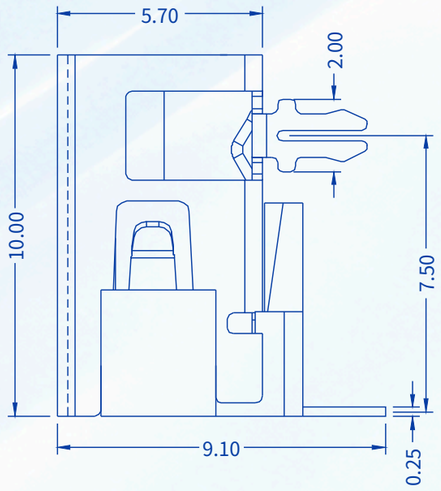
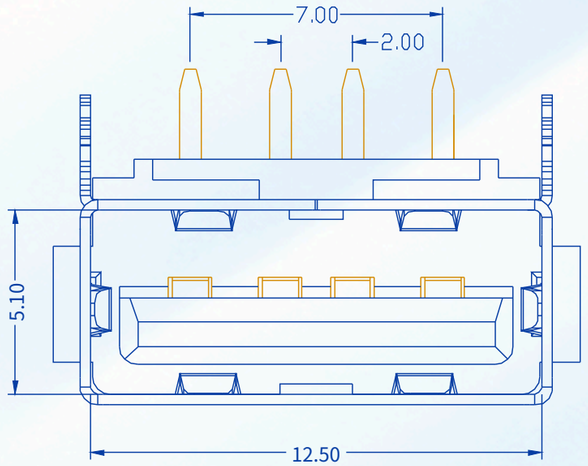
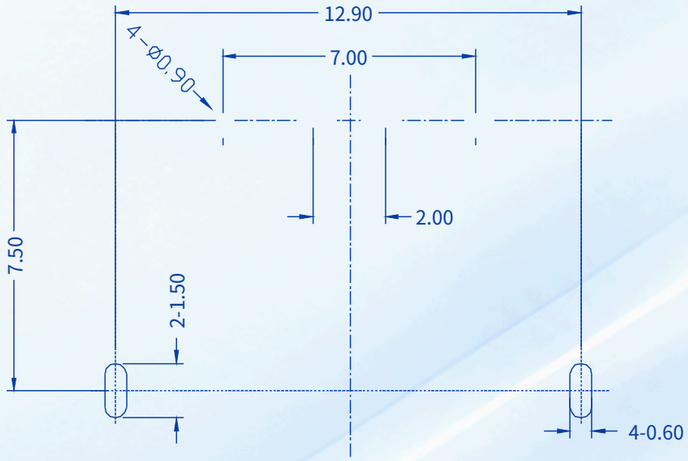
RoHS Compliant

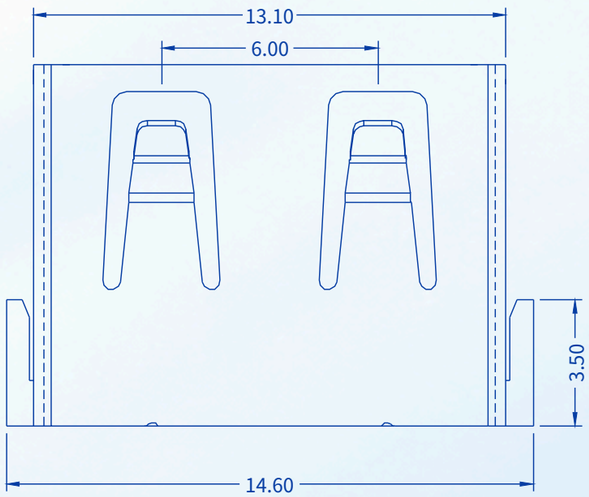








RECOMMENDED P.C.B LAYOUT



REVISION HISTORY

REV.	DESCRIPTION	DRAWN BY	CHECKED BY	APPROVED BY
A0	INITIAL RELEASE	KANGSHENG		

MATERIAL / SPECIFICATION	
Dielectric Withstanding Voltage	AC 500 V/1 Minute
Insulation Resistance	1000 MΩ Min
Contact Resistance	30 mΩ Max
Insertion Force	30 N (3.06 kgf) Max
Extraction Force	10~30 N (1.02~3.06 kgf)
Durability	1500 Cycles
Terminal	Phosphor Bronze, C5191/C2680R-EH T=0.25
Terminal Plating	Gold 0.76 um Min over 1.27 um Min Nickel Underplate, 2.54 um Min Sn Selective Plating on Solder Tail
Shell	Bronze, C2680R-H T=0.30 mm
Shell Plating	Nickel Underplate 2.54 um Min
Housing	LCP Black
Operating Temperature	0°C to +85°C

GENERAL TOLERANCES (UNLESS OTHERWISE SPECIFIED)	
X.	±0.15
X.°	±5°
.X	±0.10
.X°	±2°
.XX	±0.05
.XX°	±1°
.XXX	±0.03
.XXX°	±0.5°

PROJECTION

THIRD ANGLE PROJECTION

DRAWN BY	KANGSHENG
CHECKED BY	
APPROVED BY	

深圳市康生电子科技有限公司
Shenzhen Kangsheng Electronic Technology Co., Ltd.

PRODUCT NAME	USB Type-A 6.8 mm Height Right-Angle Through-Hole Female Receptacle (4 Pin) Rolled Shell						
PART NO.	KS-USA-04F-RD-04					REV.	A0
SCALE	NTS	UNIT	mm	SIZE	A3	SHEET	1/1