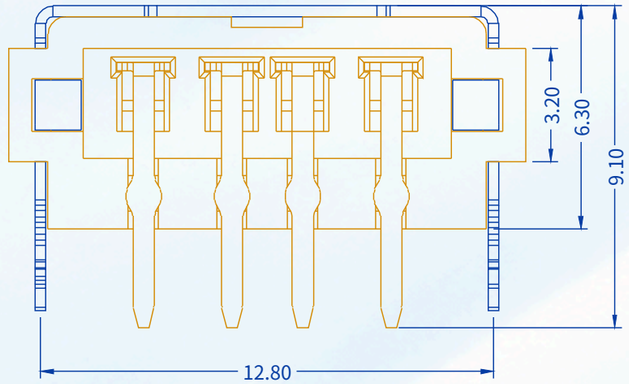
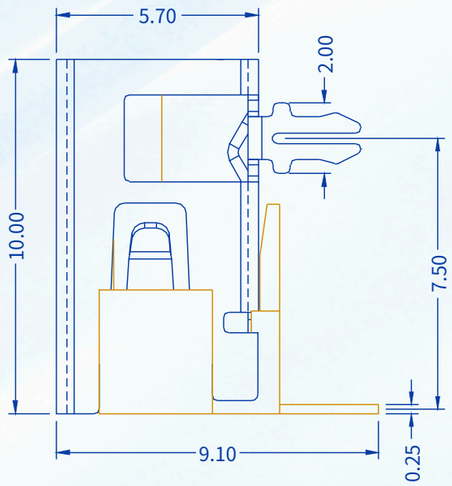
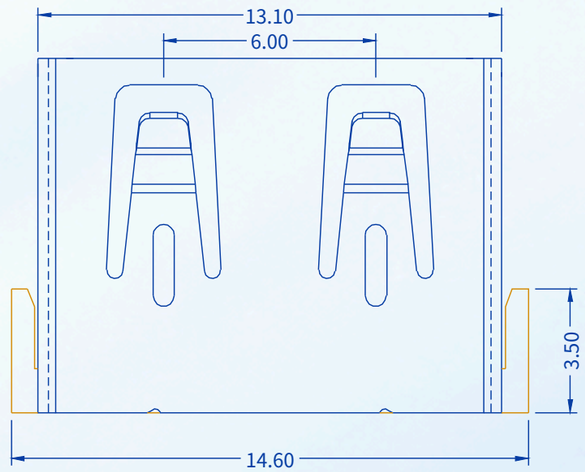
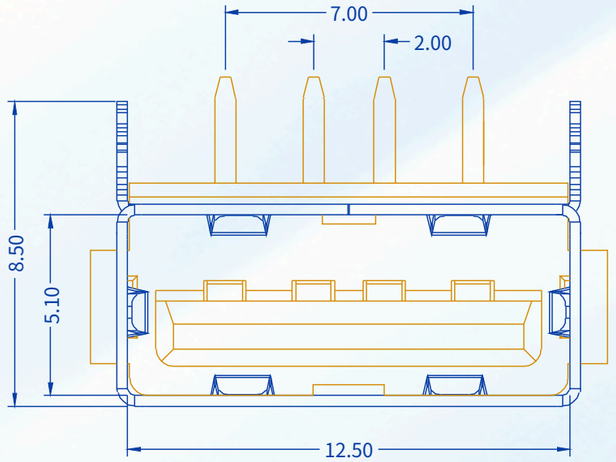
RoHS Compliant









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 500V/1 minute
Insulation Resistance	1000 MΩ min.
Contact Resistance	30 mΩ max.
Insertion Force	30N (3.06Kgf) max.
Extraction Force	10~30N (1.02~3.06Kgf)
Durability	1500 cycles
Extraction Force (after 1500 cycles)	10~30N (1.02~3.06Kgf)
Contact	Phosphor Bronze, C5191/C2680R-EH T=0.25
Contact Plated	Gold 0.76 um min. over 1.27 um min. Nickel underplate
Solder Tail Plated	2.54 um min. Sn selective plating
Shell	Bronze, C2680R-H, T=0.30mm
Shell Plated	Nickel underplate 2.54 um min.
Insulator	LCP, Black
Operating Temperature	0°C~+85°C

GENERAL TOLERANCES (UNLESS OTHERWISE SPECIFIED)	
X.	±0.15
X.X	±0.10
X.XX	±0.05
X.XXX	±0.03
X.°	±5°
X.X°	±2°
X.XX°	±1°
X.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 6.3 mm Height Right-Angle Through-Hole Female Receptacle (4 Pin)						
PART NO.	KS-USA-04F-RD-05					REV.	A0
SCALE	NTS	UNIT	mm	SIZE	A3	SHEET	1/1