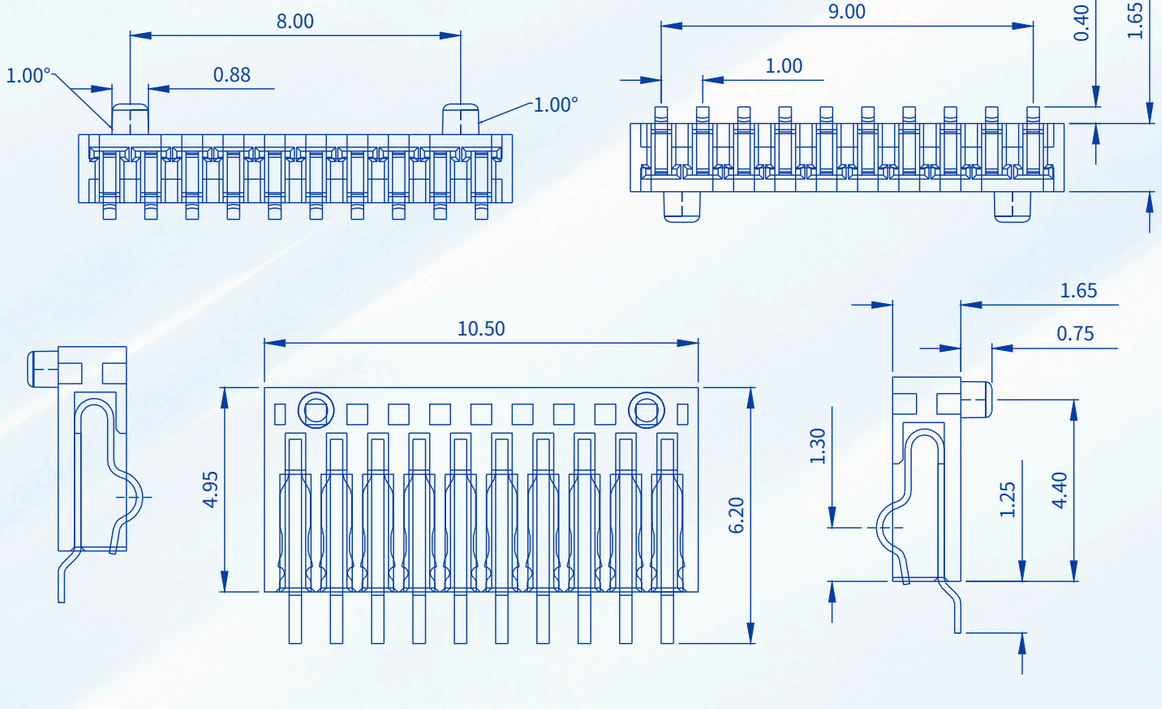
RoHS Compliant

REVISION HISTORY

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



RECOMMENDED PCB LAYOUT

TOP VIEW

MATERIAL / SPECIFICATION	
Rated current	0.5A
Rated voltage	12V
Dielectric voltage	500V
Contact resistance	30mΩ
Insulation resistance	500MΩ
Operating temperature	−40°C ~ +85°C
Housing	LCP
Housing heat resistance	260°C ±5°C
Contact material	Phosphor bronze
Contact finish	Gold plated 3 µin
Draft where applicable	Must remain within dimensions

GENERAL TOLERANCES (UNLESS OTHERWISE SPECIFIED)	
.X (mm)	±0.25
.XX (mm)	±0.15
.XXX (mm)	±0.05
ANGULAR	±1°
PCB .XX	±0.05

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	1 mm Pitch 1.65 mm Height Right-Angle SMT Female Spring Contact Battery Connector (10 Pin) With Locating Post						
PART NO.	KS-BC100-10F-165P					REV.	A0
SCALE	NTS	UNIT	mm	SIZE	A3	SHEET	1/1