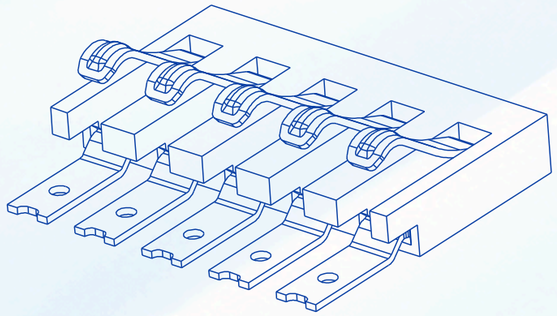
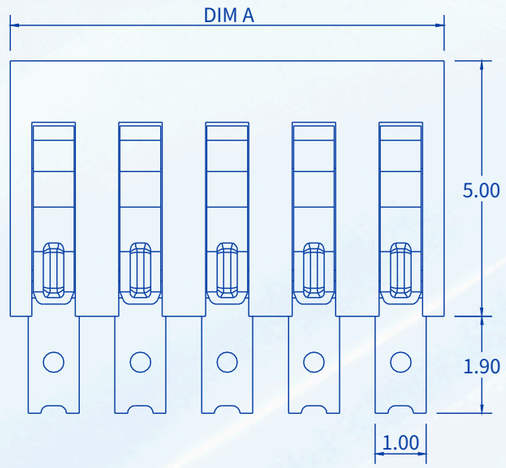
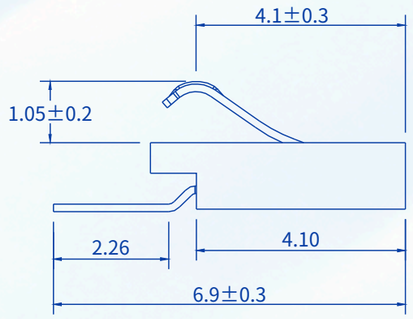
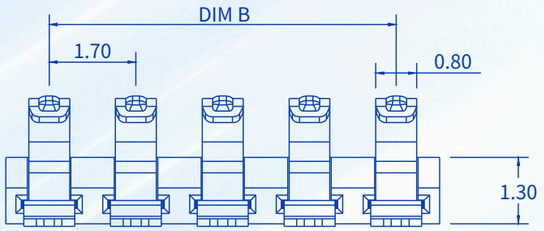
RoHS Compliant

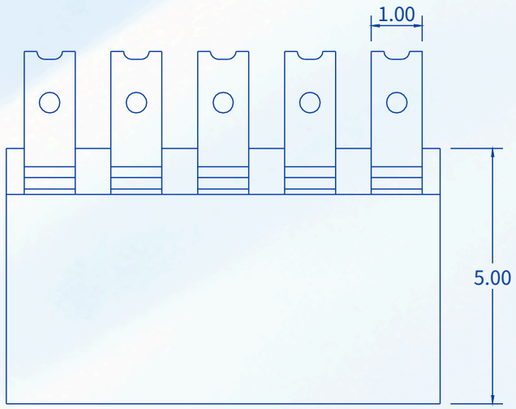
REVISION HISTORY				
REV.	DESCRIPTION	DRAWN BY	CHECKED BY	APPROVED BY
A0	INITIAL RELEASE	KANGSHENG		

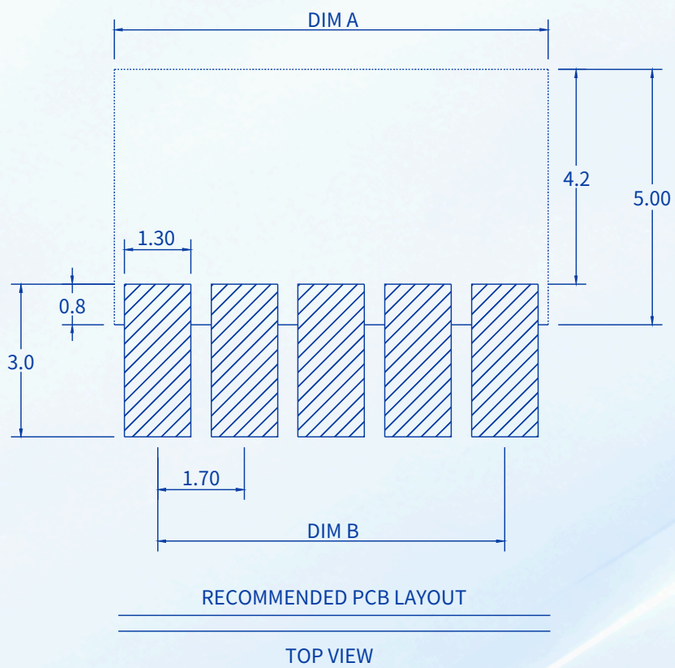












RECOMMENDED PCB LAYOUT

TOP VIEW

MATERIAL / SPECIFICATION	
Current rating	2.0 A
Voltage rating	12 V
Dielectric withstand	500 V
Contact resistance	30mΩ
Insulation resistance	500MΩ
Operating temperature	−40°C ~ +85°C
Housing	LCP, black, UL94-V0
Contact material	Tin phosphor bronze
Contact area plating	Gold 3 µin
Solder tail plating	Matte tin 70 µin min.
Nickel plating	30–80 µin
Environmental requirement	RoHS limits

DIMENSION		
PINS	DIM A	DIM B
2	3.4	1.7
3	5.1	3.4
4	6.8	5.1
5	8.5	6.8

GENERAL TOLERANCES (UNLESS OTHERWISE SPECIFIED)	
X.	±0.35
X.X	±0.25
X.XX	±0.15
X.XXX	±0.05
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	1.7 mm Pitch 1.3 mm Height SMT Spring Contact Battery Connector (2–5 Pin) Ultra-Thin Top-Contact								
PART NO.	KS-BC170-05T-130U-NN							REV.	A0
SCALE	NTS	UNIT	mm	SIZE	A3	SHEET	1/1		