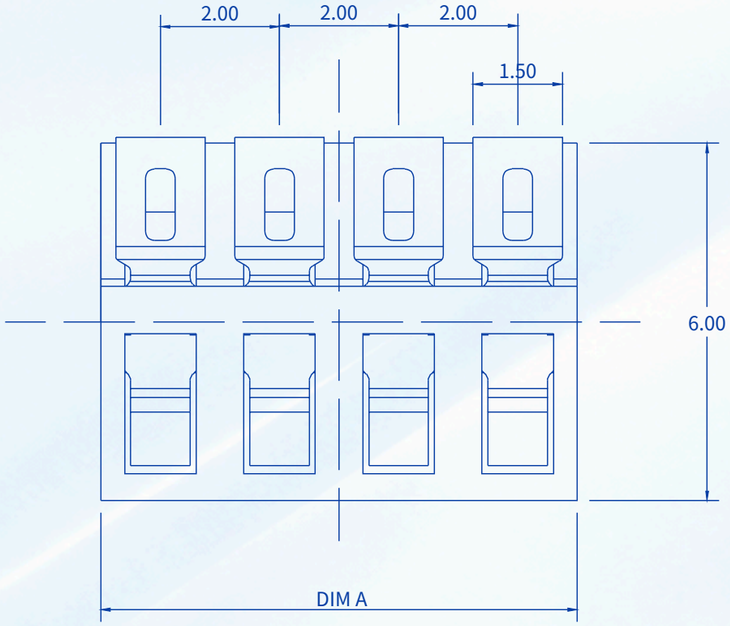
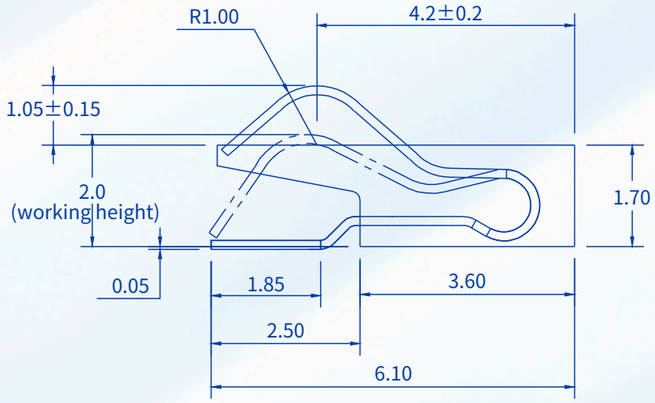
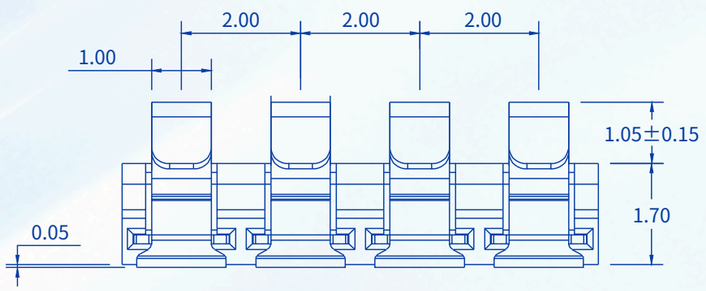
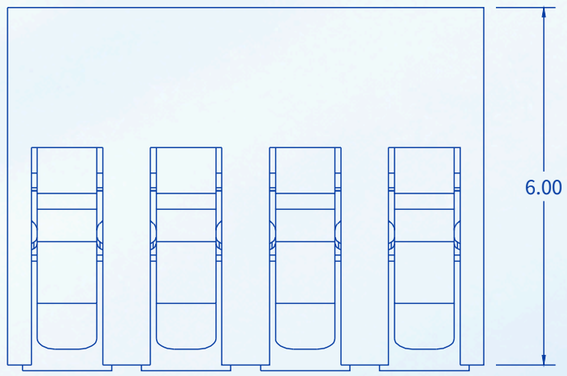
RoHS Compliant

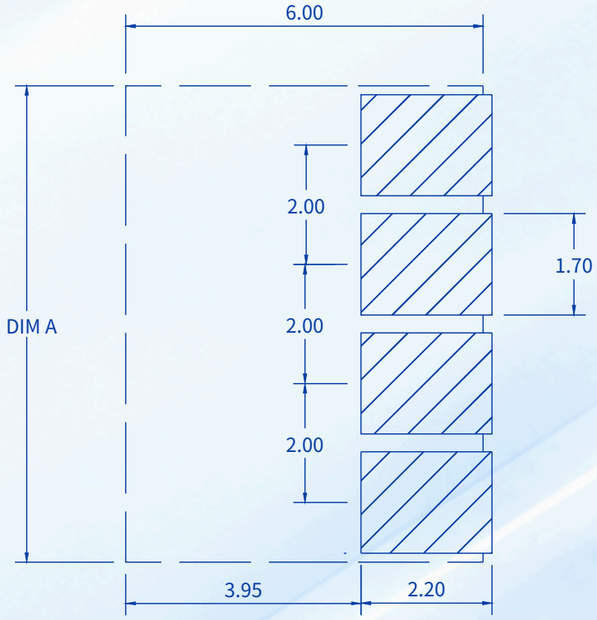
REVISION HISTORY				
REV.	DESCRIPTION	DRAWN BY	CHECKED BY	APPROVED BY
A0	INITIAL RELEASE	KANGSHENG		











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 material	LCP
Contact material	Phosphor bronze
Contact area plating	Gold 3 µin
Durability	5000 cycles MIN

DIMENSION	
PINS	DIM A
2	4.0
3	6.0
4	8.0
5	10.0
6	12.0
7	14.0
8	16.0

GENERAL TOLERANCES (UNLESS OTHERWISE SPECIFIED)	
X.	±0.35
X.X	±0.25
X.XX	±0.15
X.XXX	±0.05
PCB .XX	±0.05
X.°	±4°
X.X°	±3°
X.XX°	±2°
X.XXX°	±1°

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	2 mm Pitch 1.7 mm Height SMT Spring Contact Battery Connector (2–8 Pin) No Locating Post Top-Contact								
PART NO.	KS-BC200-04T-170-NN-03							REV.	A0
SCALE	NTS	UNIT	mm	SIZE	A3	SHEET	1/1		