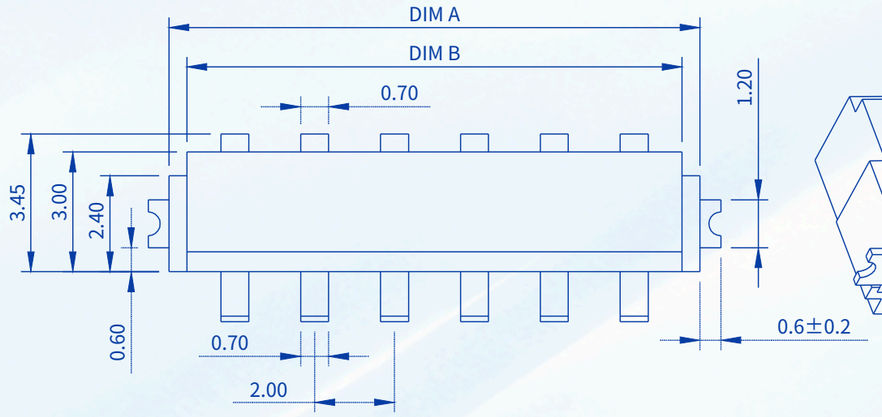
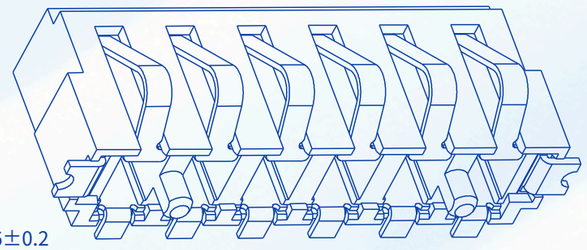
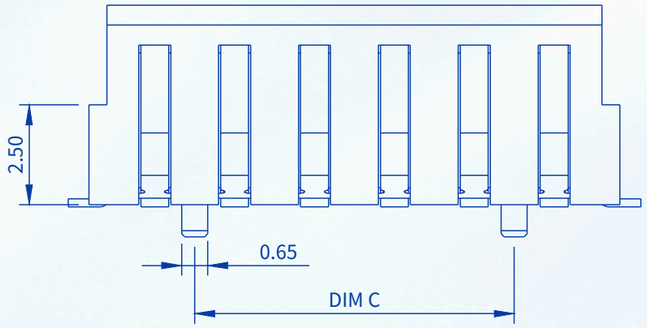
RoHS Compliant

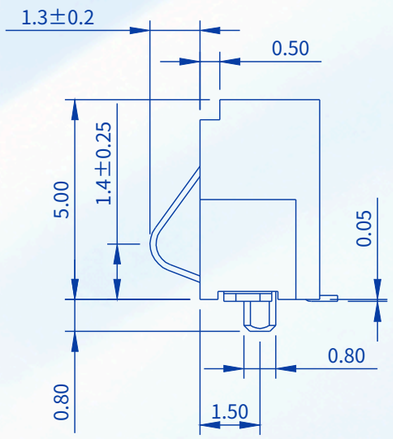
REVISION HISTORY

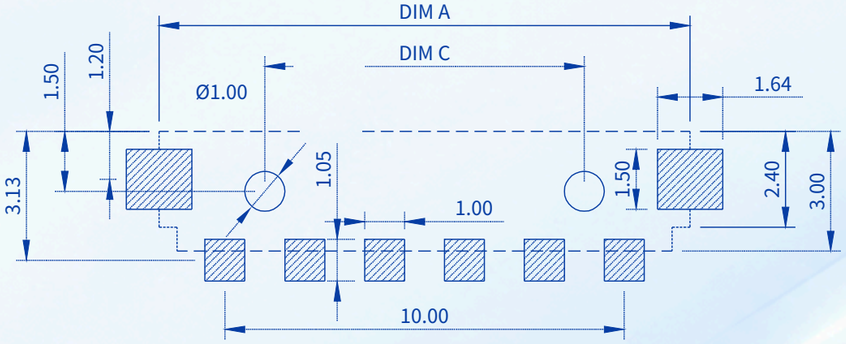
REV.	DESCRIPTION	DRAWN BY	CHECKED BY	APPROVED BY
A0	INITIAL RELEASE	KANGSHENG		











RECOMMENDED PCB LAYOUT

TOP VIEW

MATERIAL / SPECIFICATION	
Current rating	2.0 A
Voltage rating	12 V
Dielectric withstand	500 V
Contact resistance	30mΩ MAX
Insulation resistance	500MΩ
Operating temperature	−40°C ~ +85°C
Housing material	LCP E130I Black
Contact material	Phosphor bronze C5210
Contact area plating	Gold 3 µin

DIMENSION

PINS	DIM A	DIM B	DIM C
2	5.3	4.4	/
3	7.3	6.4	2.0
4	9.3	8.4	4.0
5	11.3	10.4	6.0
6	13.3	12.4	8.0

GENERAL TOLERANCES (UNLESS OTHERWISE SPECIFIED)	
X.	±0.35
X.X	±0.25
X.XX	±0.15
X.XXX	±0.05
PCB	±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	2 mm Pitch 5 mm Height SMT Spring Contact Battery Connector (2–6 Pin) With Locating Post Side-Contact						
PART NO.	KS-BC200-06S-500P-NN					REV.	A0
SCALE	NTS	UNIT	mm	SIZE	A3	SHEET	1/1