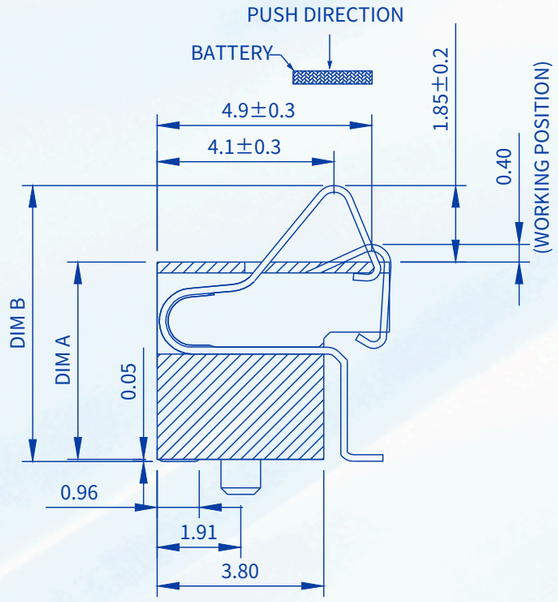
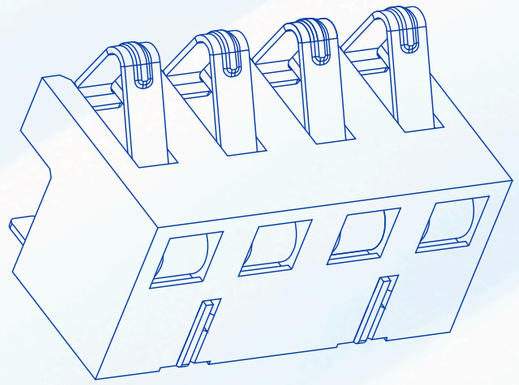
RoHS Compliant

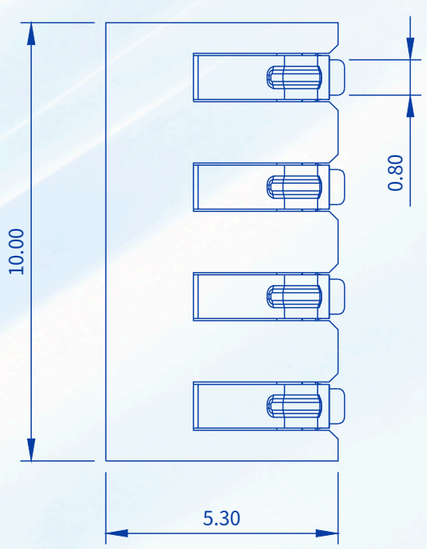


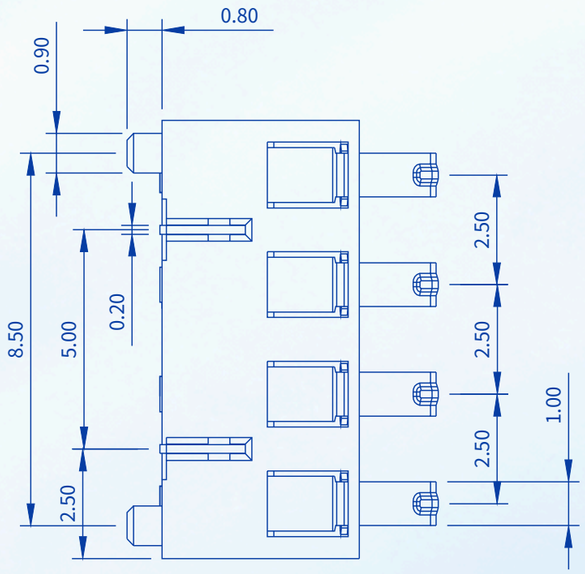


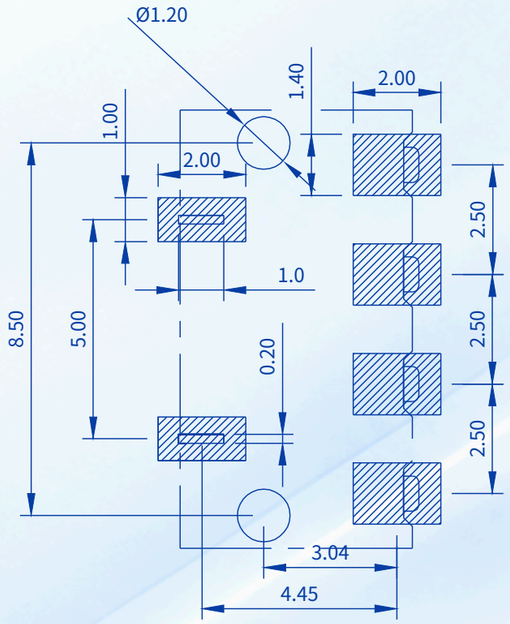
REVISION HISTORY

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

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
Selected DIM A	4.0 mm







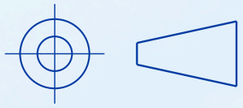
RECOMMENDED PCB LAYOUT

TOP VIEW

DIMENSION	
DIM A	DIM B
4.0	5.90±0.2
4.5	6.40±0.2
5.5	7.40±0.2

GENERAL TOLERANCES (UNLESS OTHERWISE SPECIFIED)	
X.	±0.35
X.X	±0.25
X.XX	±0.15
X.XXX	±0.05
PCB .XX	±0.05
ANGLE X.	±4°
ANGLE X.X	±3°
ANGLE X.XX	±2°
ANGLE 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	2.5 mm Pitch 4 mm Height SMT Spring Contact Battery Connector (4 Pin) With Locating Post Top-Contact						
PART NO.	KS-BC250-04T-400P-NN					REV.	A0
SCALE	NTS	UNIT	mm	SIZE	A3	SHEET	1/1