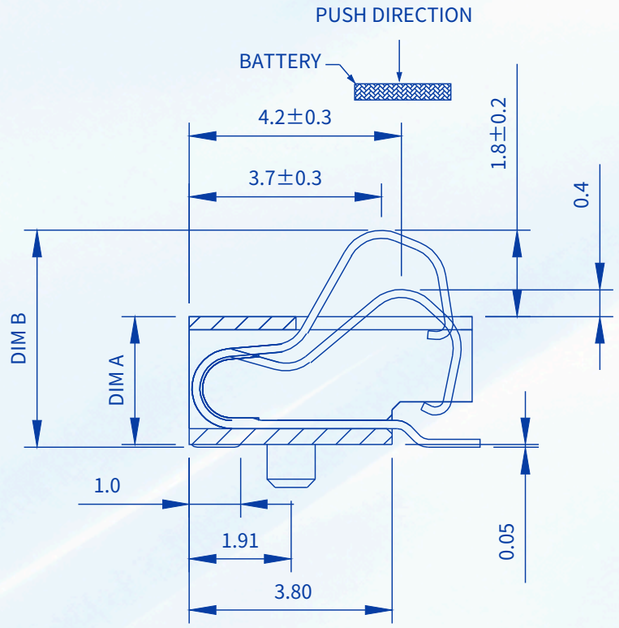
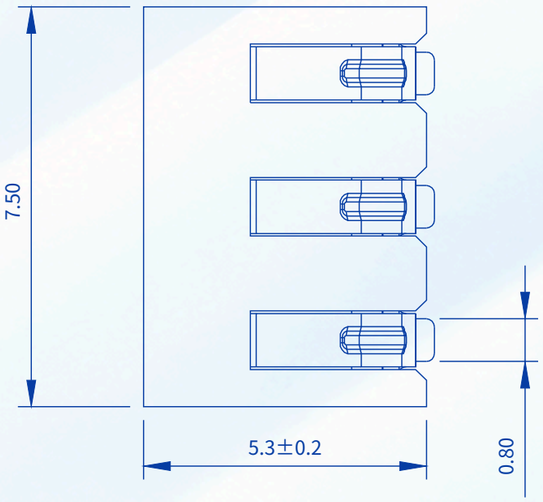
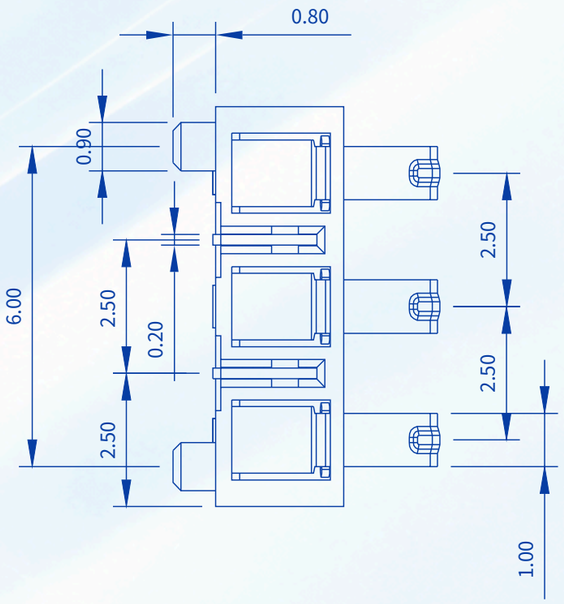
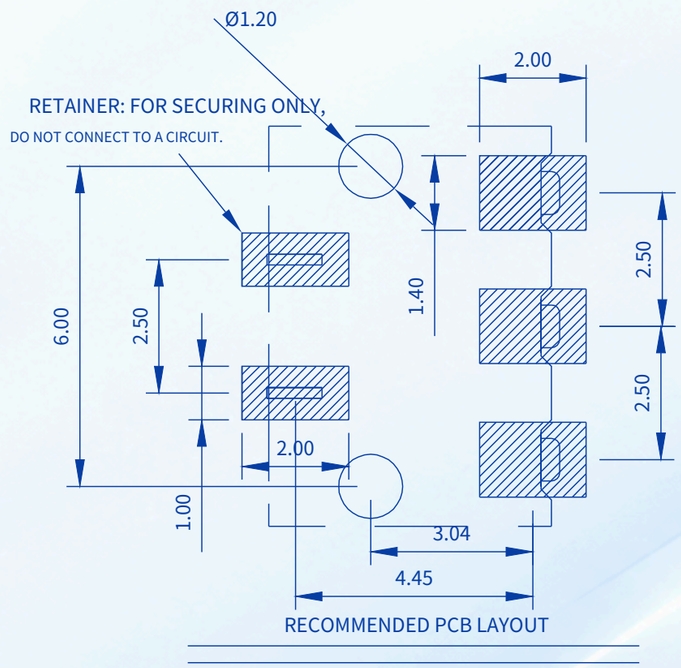
RoHS Compliant









RECOMMENDED PCB LAYOUT

TOP VIEW

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 Black
Contact material	Copper alloy
Contact area plating	Gold 3 µin
Selected DIM A	3.0 mm

DIMENSION	
DIM A	DIM B
2.4	4.30±0.2
3.0	4.90±0.2
3.5	5.40±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

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 3 mm Height SMT Spring Contact Battery Connector (3 Pin) With Locating Post Top-Contact						
PART NO.	KS-BC250-03T-300P-NN-02					REV.	A0
SCALE	NTS	UNIT	mm	SIZE	A3	SHEET	1/1