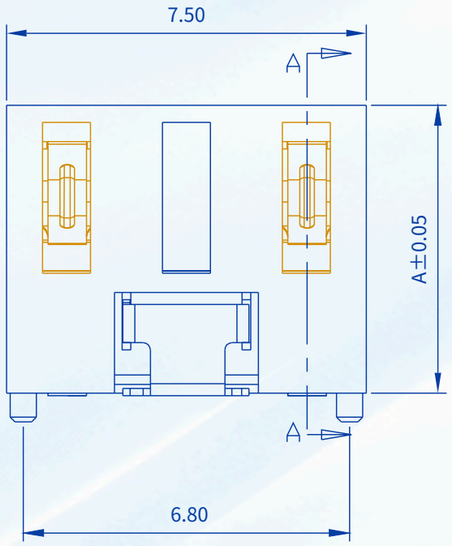
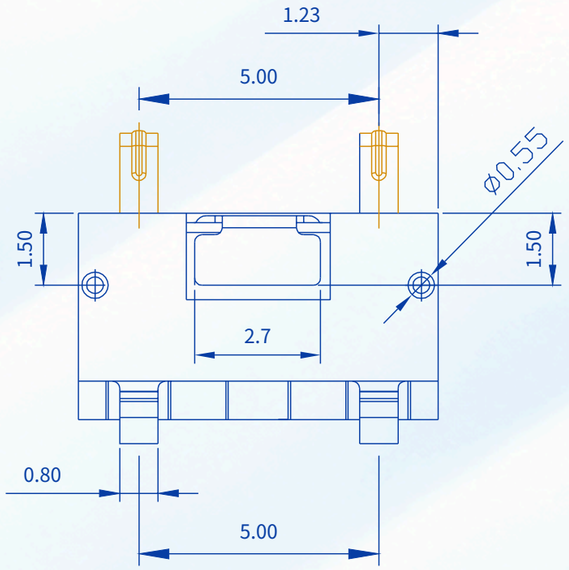
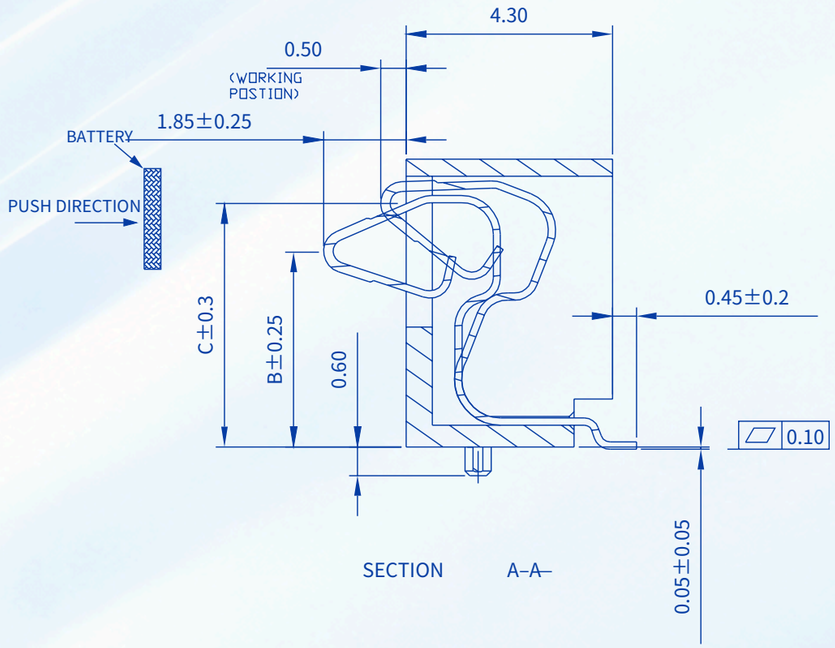
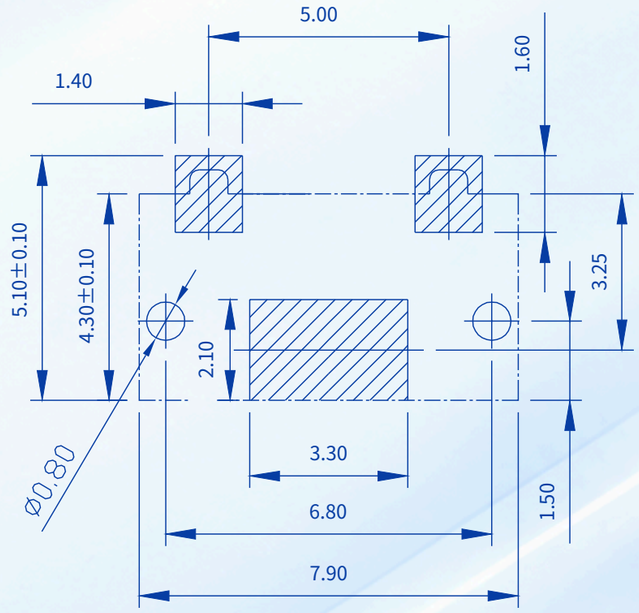
RoHS Compliant







SECTION A–A



RECOMMENDED PCB LAYOUT

TOP VIEW(.XX±0.05)

REVISION HISTORY

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

PART NO.	A	B	C
BC-75-2PD540	5.4	3.8	4.6
BC-75-2PD600	6.0	4.4	5.2
BC-75-2PD650	6.5	4.9	5.7
BC-75-2PD700	7.0	5.4	6.2
BC-75-2PD750	7.5	5.9	6.7
BC-75-2PD800	8.0	6.4	7.2

MATERIAL / SPECIFICATION	
Current Rating	2.0A
Voltage Rating	12V
Dielectric Withstanding Voltage	500V
Contact Resistance	30 mΩ
Insulation Resistance	500 MΩ
Operating Temperature	-40°C~+85°C
Insulator	LCP
Contact	Phosphor Bronze
Contact Plated	Gold 3U"

GENERAL TOLERANCES (UNLESS OTHERWISE SPECIFIED)	
X.	±0.35
X.X	±0.25
X.XX	±0.15
X.XXX	±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	5 mm Pitch 5.4~8.0 mm Height SMT Spring Contact Battery Connector (2 Pin) With Locating Post Side-Contact						
PART NO.	KS-BC500-02S-P-02					REV.	A0
SCALE	NTS	UNIT	mm	SIZE	A3	SHEET	1/1