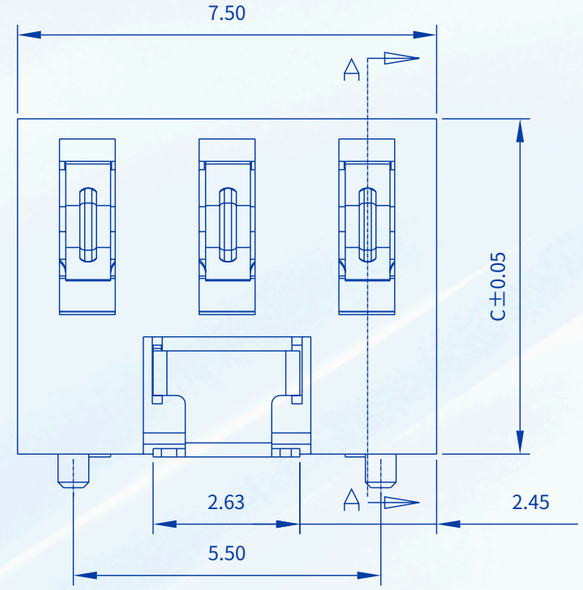
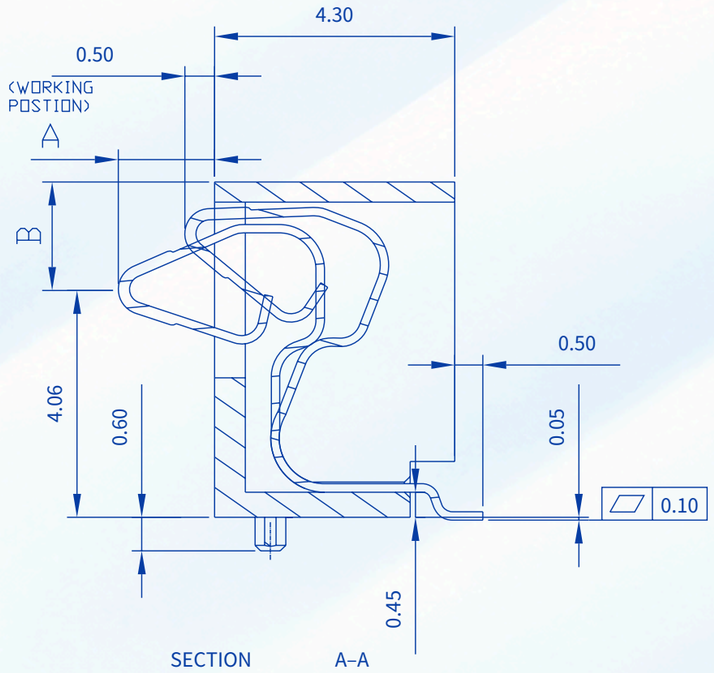
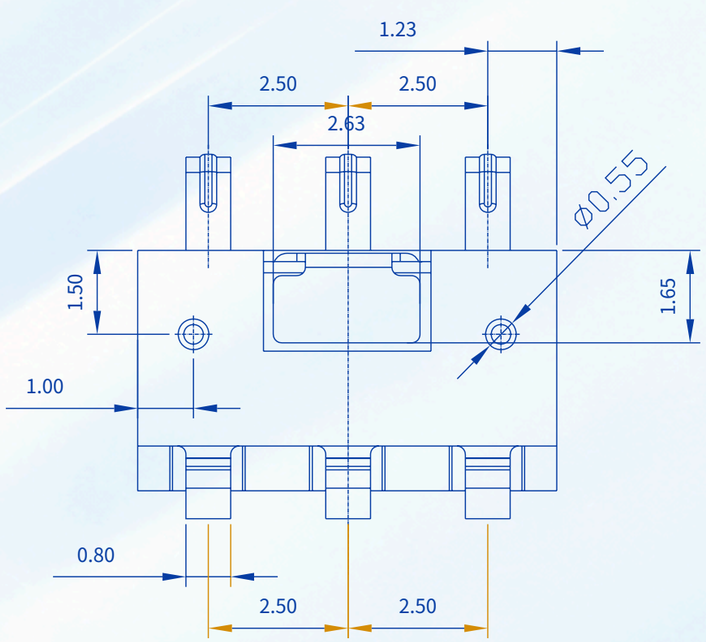
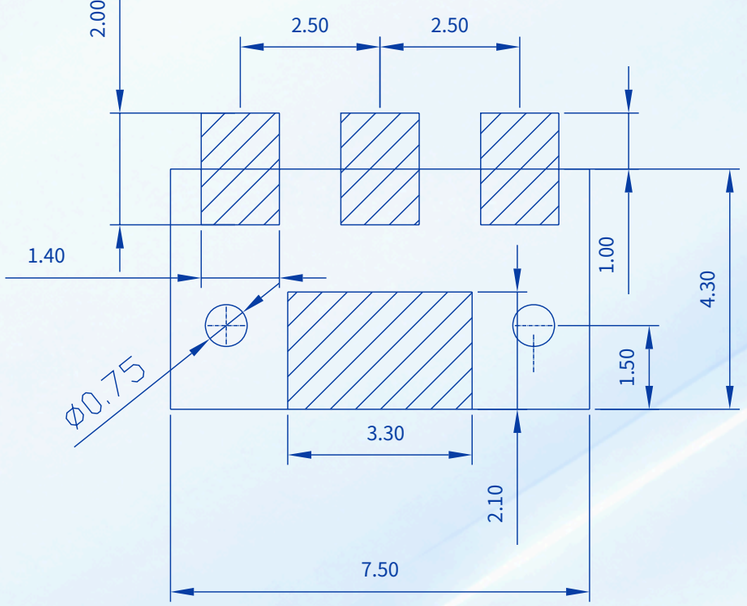
RoHS Compliant





SECTION A–A





REVISION HISTORY

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

Specification			
Spec	A	B	C
H6.0	1.5~1.9	1.70±0.15	6.00
H7.0	1.9~2.3	1.70±0.15	7.00

MATERIAL / SPECIFICATION	
Insulator	High temperature thermoplastic UL94V-0, (BLACK LCP)
Beryllium Copper Plating	Gold (3-8U") over Nickel (50-80U")
Phosphor Bronze Plating	Tin (100-120U") over Nickel (50-80U")
Voltage Rating	12 VAC
Current Rating	2.0A
Dielectric Strength	250V AC for 1 minute min
Insulation Resistance	500 MΩ min
Contact Resistance	50 mΩ max
Operating Temperature	-40°C to +105°C
Reflow Soldering Resistance	260°C for 10s
Durability	5000 cycles
Normal Force at Working Position	80g min

GENERAL TOLERANCES (UNLESS OTHERWISE SPECIFIED)	
X.	±0.15
X.X	±0.10
X.XX	±0.05
X.XXX	±0.005
X.°	±1°
X.X°	±0.5°
X.XX°	±0.05°
X.XXX°	±0.005°

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 6.0/7.0 mm Height SMT Spring Contact Battery Connector (3 Pin) With Locating Post Side-Contact						
PART NO.	KS-BC250-03S-P-03					REV.	A0
SCALE	NTS	UNIT	mm	SIZE	A3	SHEET	1/1