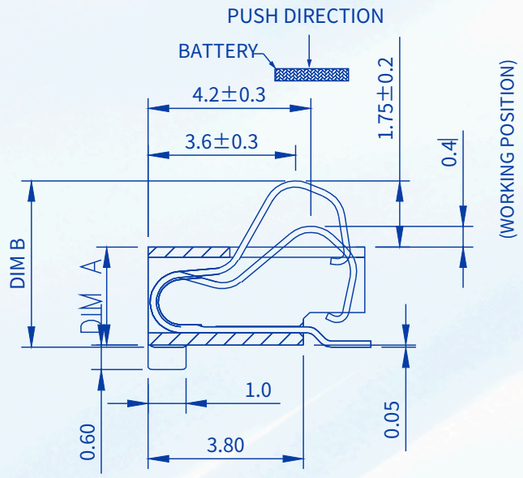
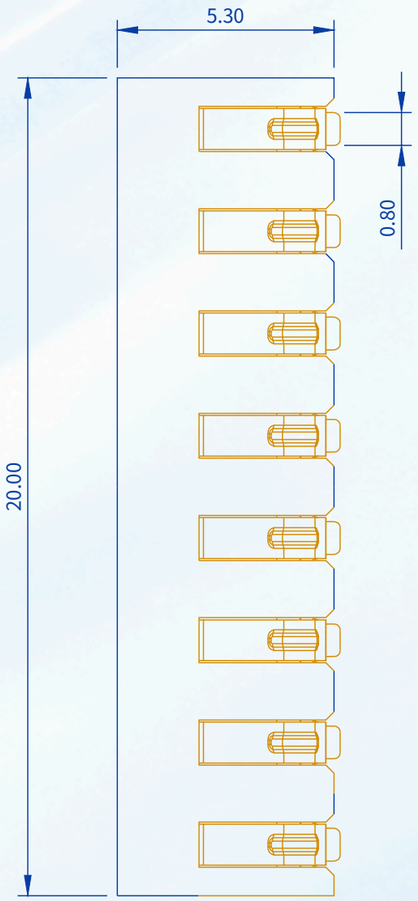
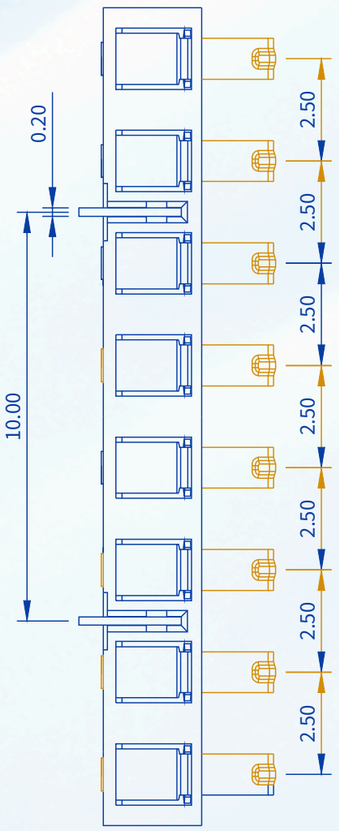
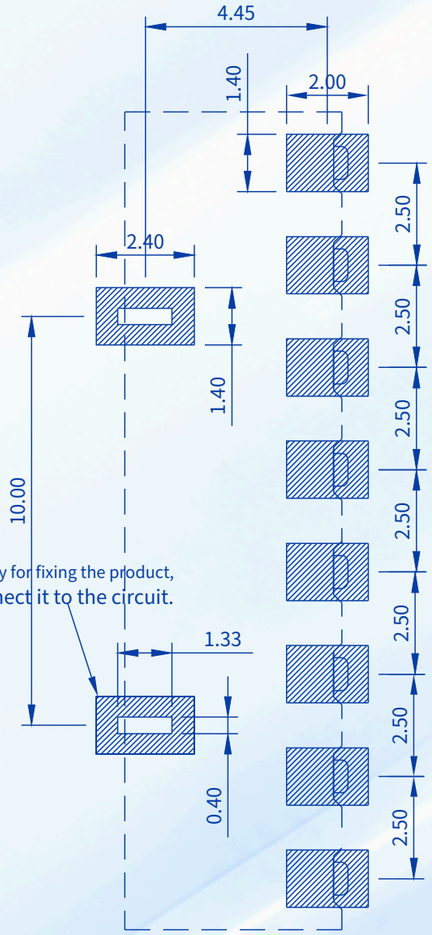
RoHS Compliant









RECOMMENDED PCB LAYOUT

TOP VIEW(.XX±0.05)

REVISION HISTORY

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

Dimension	
DIM A	DIM B
2.4	4.15±0.2
3.0	4.75±0.2
3.5	5.25±0.2

MATERIAL / SPECIFICATION	
Current Rating	2.0A
Voltage Rating	12V
Dielectric Withstanding Voltage	500V
Contact Resistance	30 mΩ max.
Insulation Resistance	500 MΩ
Operating Temperature	-40°C~+85°C
Durability	5000 cycles min.
Insulator	LCP, UL94-V0
Color	Black
Contact	Tin Phosphor Bronze
Contact Plated	Gold 3μ"; solder tail Gold 1μ"
Retention Tab	Brass C2680
Retention Tab Plated	Matte Tin 70μ" min.
Environmental	RoHS Compliant

GENERAL TOLERANCES (UNLESS OTHERWISE SPECIFIED)	
X.	±0.35
X.X	±0.25
X.XX	±0.15
X.XXX	±0.05
X.°	±3°
X.X°	±2.0°
X.XX°	±1°
X.XXX°	±0.5°

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 2.4/3.0/3.5 mm Height SMT Spring Contact Battery Connector (8 Pin) Top-Contact						
PART NO.	KS-BC250-08T					REV.	A0
SCALE	NTS	UNIT	mm	SIZE	A3	SHEET	1/1