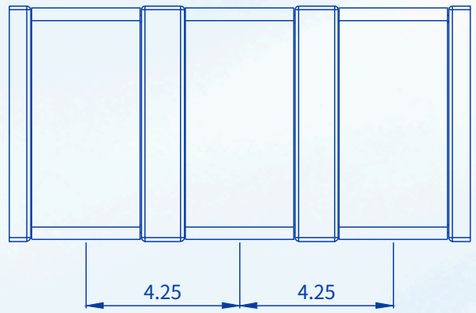
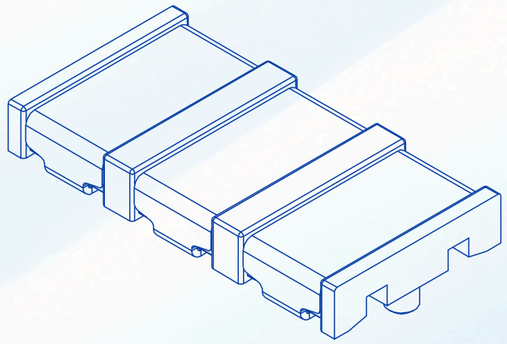
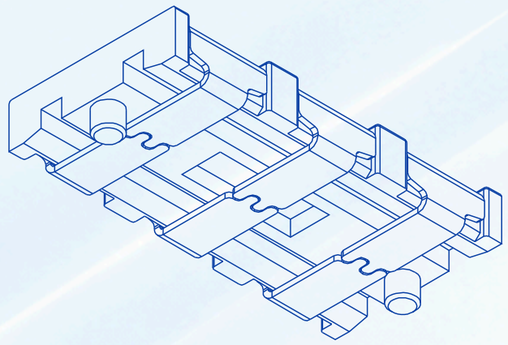
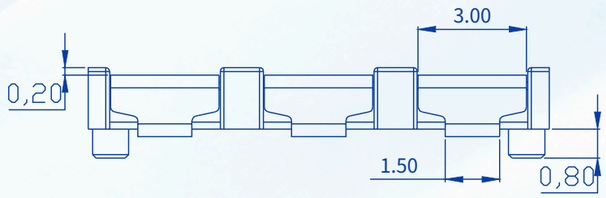
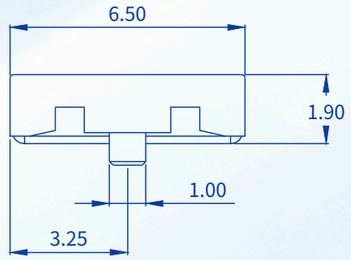
RoHS Compliant

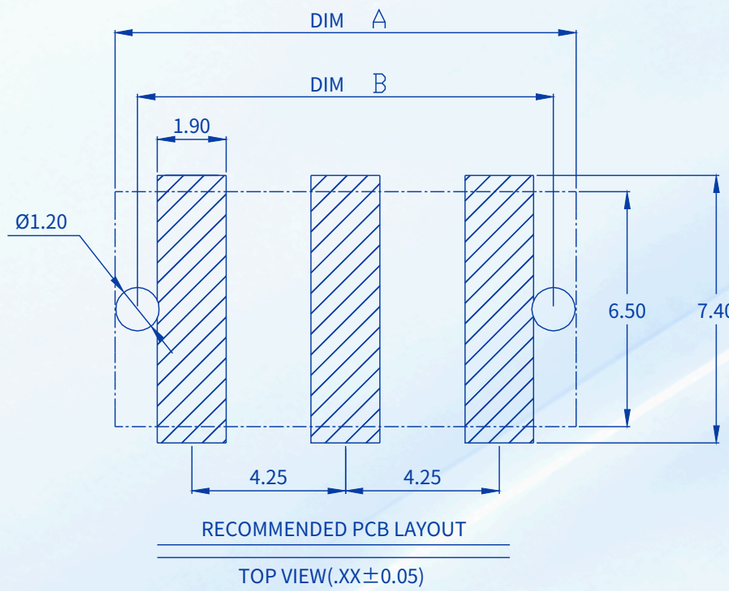












RECOMMENDED PCB LAYOUT

TOP VIEW(.XX±0.05)

REVISION HISTORY

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

Dimension		
Pin	DIM A	DIM B
2P	8.50	7.25
3P	12.75	11.5
4P	17.00	15.75
5P	21.25	20.00
6P	25.5	24.25

MATERIAL / SPECIFICATION	
Current Rating	5.0A
Voltage Rating	30V
Dielectric Withstanding Voltage	500V
Contact Resistance	30 mΩ max.
Insulation Resistance	500 MΩ
Operating Temperature	-55°C~+125°C
Durability	5000 cycles min.
Insulator	PA9T, Black, heat resistant to 260°C
Contact	Brass C2680
Contact Plated	Gold 3μ"

GENERAL TOLERANCES (UNLESS OTHERWISE SPECIFIED)	
X.	±0.35
X.X	±0.25
X.XX	±0.15
X.XXX	±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	4.25 mm Pitch 1.9 mm Height Wire-Solder Female Spring Contact Battery Connector (2–6 Pin) With Locating Post						
PART NO.	KS-BC425-03F-190P-NN-02					REV.	A0
SCALE	NTS	UNIT	mm	SIZE	A3	SHEET	1/1