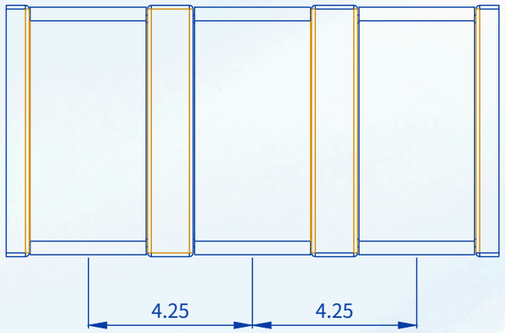
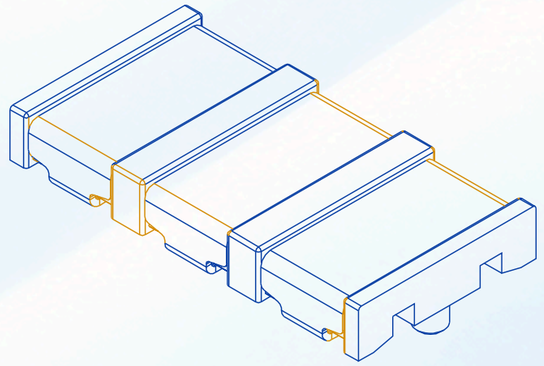
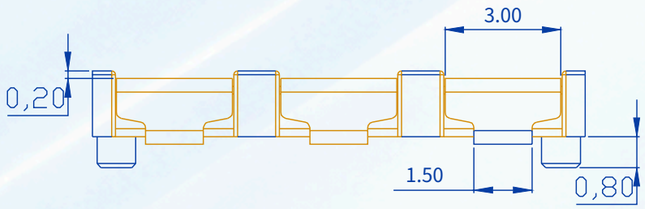
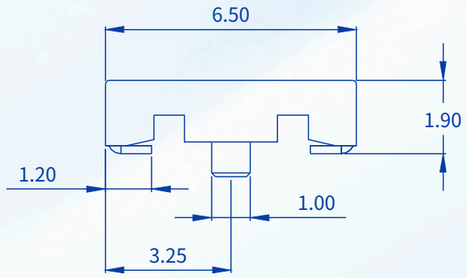
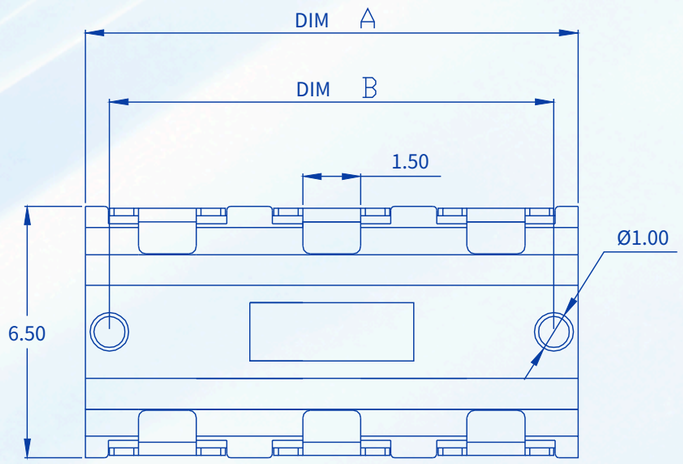
RoHS Compliant

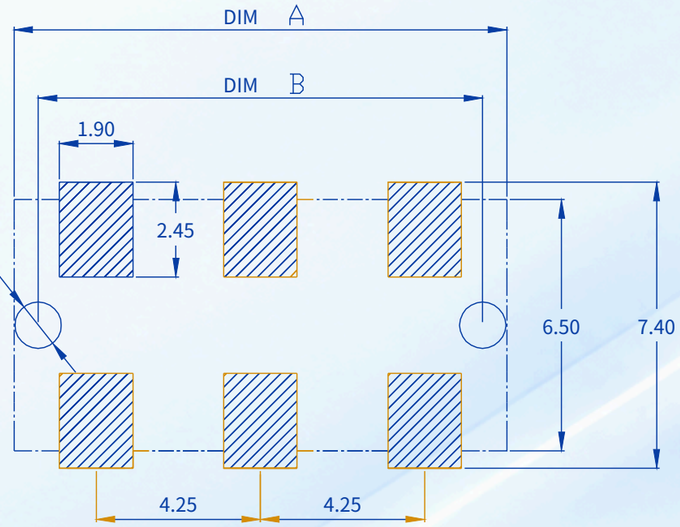












RECOMMENDED PCB LAYOUT

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 SMT Female Spring Contact Battery Connector (2–6 Pin) With Locating Post						
PART NO.	KS-BC425-03F-190P-NN-01					REV.	A0
SCALE	NTS	UNIT	mm	SIZE	A3	SHEET	1/1