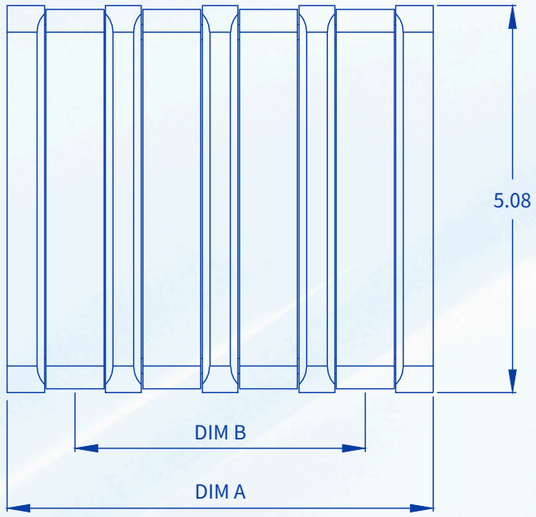
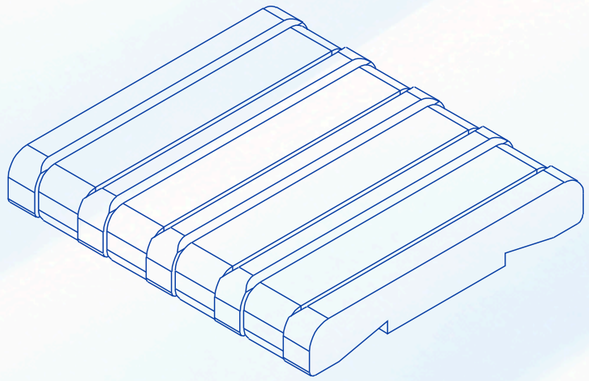
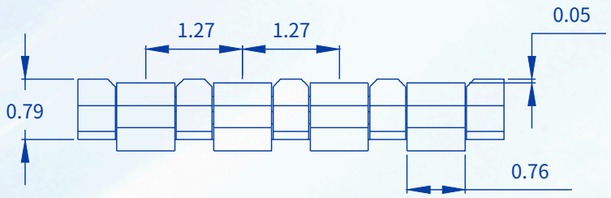
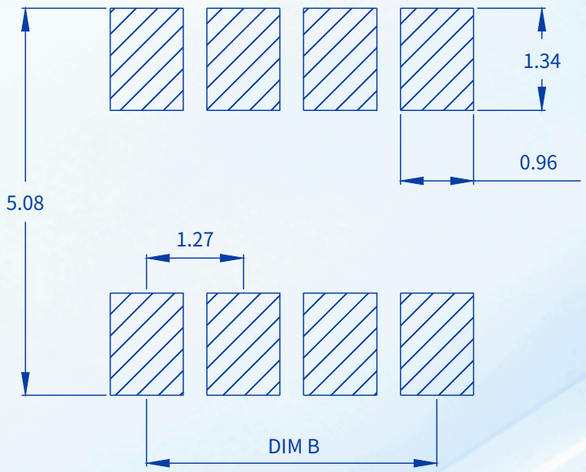
RoHS Compliant

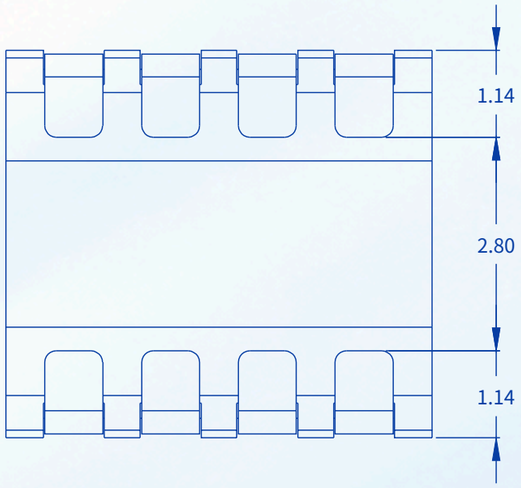












RECOMMENDED PCB LAYOUT

TOP VIEW

REVISION HISTORY

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

MATERIAL / SPECIFICATION	
Current rating	2.0 A
Voltage rating	12 V
Dielectric withstand	500 V
Contact resistance	30mΩ MAX
Insulation resistance	500MΩ
Operating temperature	−55°C ~ +125°C
Durability	5000 cycles minimum
Housing material	LCP, black; heat resistance 260°C
Contact material	Brass C2680
Contact area plating	Gold 3 µin

DIMENSION		
PINS	DIM A	DIM B
2	3.05	1.27
3	4.32	2.54
4	5.59	3.81
5	6.86	5.08
6	8.13	6.35

GENERAL TOLERANCES (UNLESS OTHERWISE SPECIFIED)	
X.	±0.35
X.X	±0.25
X.XX	±0.15
X.XXX	±0.05
PCB .XX	±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	1.27 mm Pitch 0.94 mm Height SMT Female Spring Contact Battery Connector (2–6 Pin)						
PART NO.	KS-BC127-04F-094-NN					REV.	A0
SCALE	NTS	UNIT	mm	SIZE	A3	SHEET	1/1