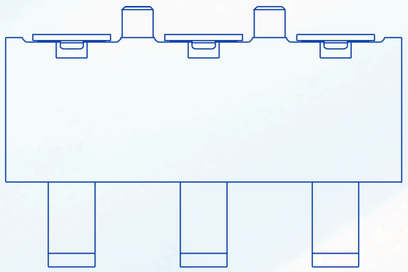
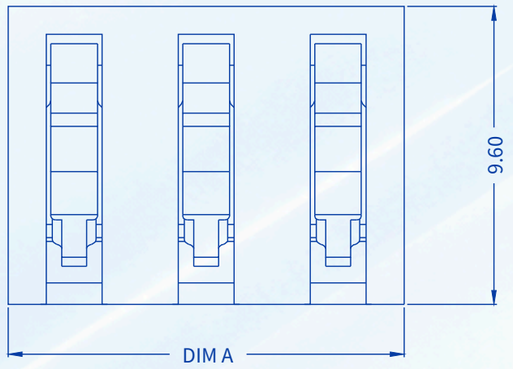
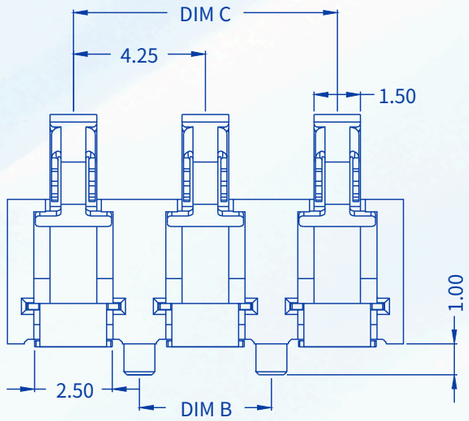
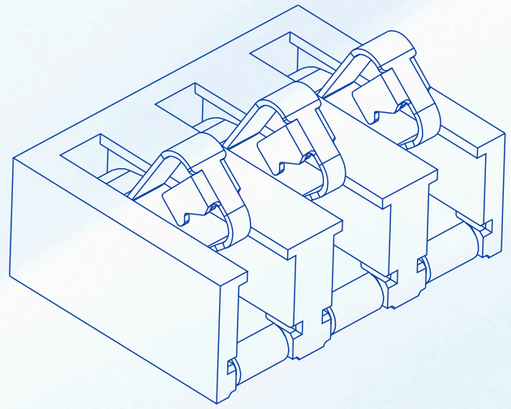
RoHS Compliant

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

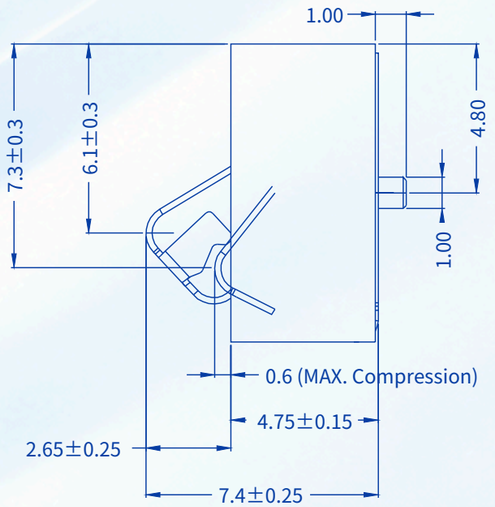


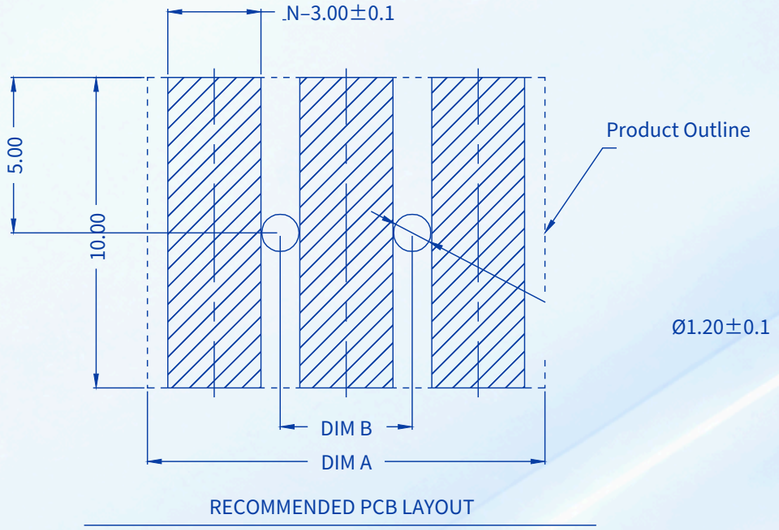






MATERIAL / SPECIFICATION	
Current rating	5.0 A
Voltage rating	30 V
Dielectric withstand	500 V
Contact resistance	30mΩ Max
Insulation resistance	500MΩ Min
Operating temperature	−40°C ~ +85°C
Housing material	LCP
Contact material	Phosphor bronze
Contact area plating	Gold 3 µin
Durability	10000 cycles MIN





RECOMMENDED PCB LAYOUT

DIMENSION			
PINS (N)	DIM A	DIM B	DIM C
3	12.75	4.25	8.5
4	17.0	8.5	12.75
5	21.25	12.75	17.0
6	25.5	17.0	21.25

GENERAL TOLERANCES (UNLESS OTHERWISE SPECIFIED)	
X.	±0.35
X.X	±0.25
X.XX	±0.15
X.XXX	±0.05
PCB	±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 4.75 mm Height SMT Spring Contact Battery Connector (3–6 Pin) With Locating Post Top-Contact								
PART NO.	KS-BC425-03T-475P-NN-01						REV.	A0	
SCALE	NTS	UNIT	mm	SIZE	A3	SHEET	1/1		