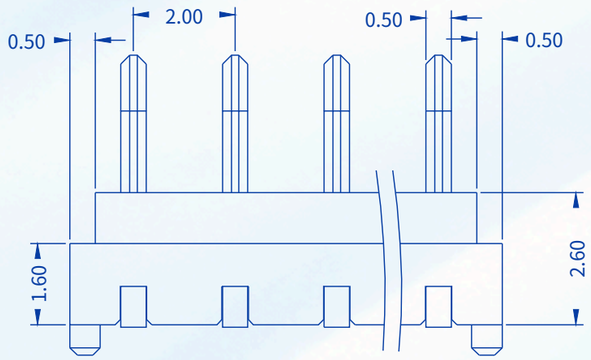
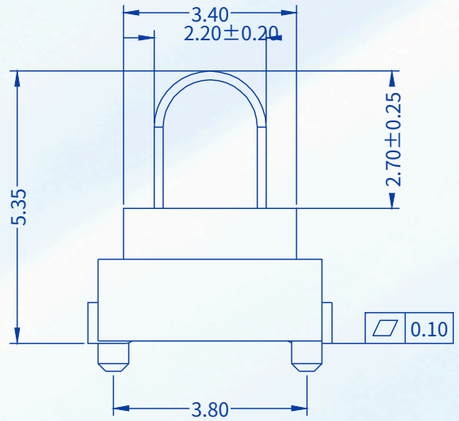
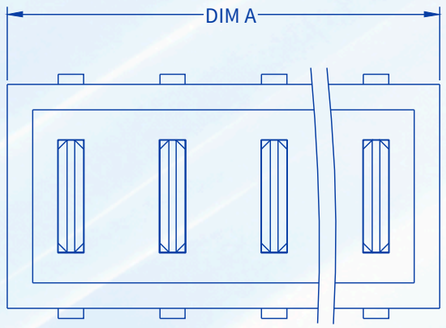
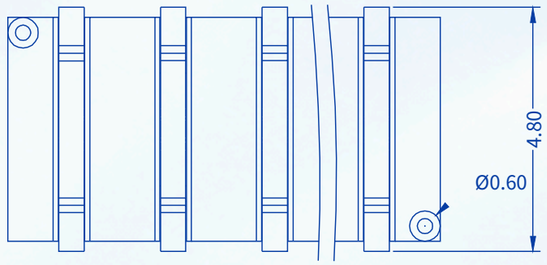
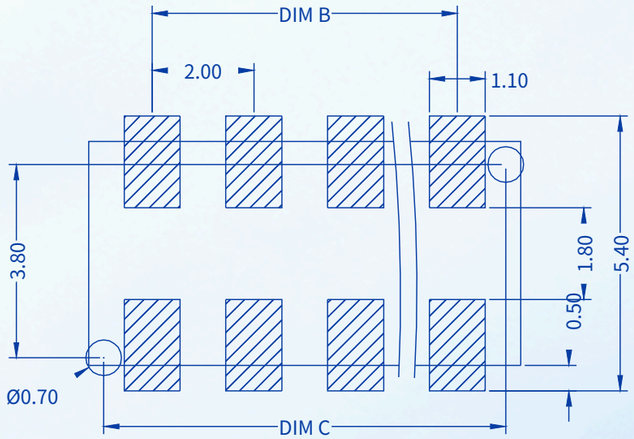
RoHS Compliant



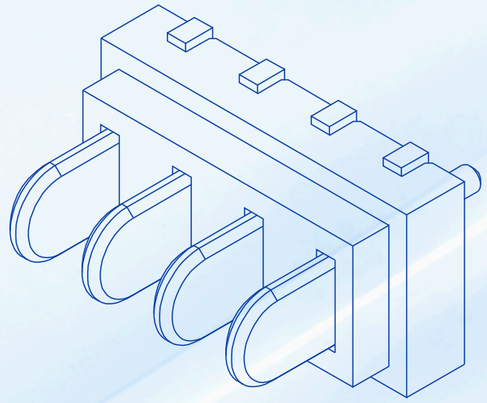








RECOMMENDED PCB LAYOUT
TOL: ±0.05



REVISION HISTORY

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

MATERIAL / SPECIFICATION	
Housing	LCP, UL94V-0, Black
Terminal	Copper alloy
Finish	Gold plated
Rated voltage (Max.)	30V AC/DC
Dielectric strength	1kV AC, 1 minute
Dielectric test	Between adjacent terminals; no breakdown
Insulation resistance	100MΩ min.
Insulation test	500V DC, 1 minute, adjacent terminals
Operating temperature	−20°C ~ 80°C

PIN DIMENSIONS (mm)

PIN	DIM.A	DIM.B	DIM.C
10	20.50	18.00	19.90
9	18.50	16.00	17.90
8	16.50	14.00	15.90
7	14.50	12.00	13.90
6	12.50	10.00	11.90
5	10.50	8.00	9.90
4	8.50	6.00	7.90
3	6.50	4.00	5.90
2	4.50	2.00	3.90

GENERAL TOLERANCES (UNLESS OTHERWISE SPECIFIED)	
X.	±0.35
X.X	±0.25
X.XX	±0.15
X.XXX	±0.05
X.°	±4°
X.X°	±3°
X.XX°	±2°
X.XXX°	±1°

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 mm Pitch Vertical SMT Male Spring Contact Battery Connector (2–10 Pin)						
PART NO.	KS-BL200-04M-VS-NN					REV.	A0
SCALE	NTS	UNIT	mm	SIZE	A3	SHEET	1/1