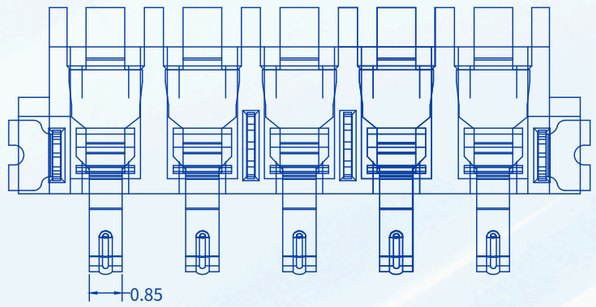
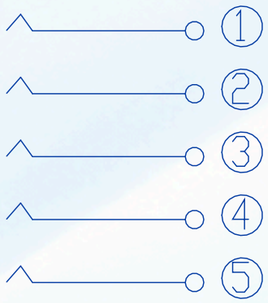
RoHS Compliant

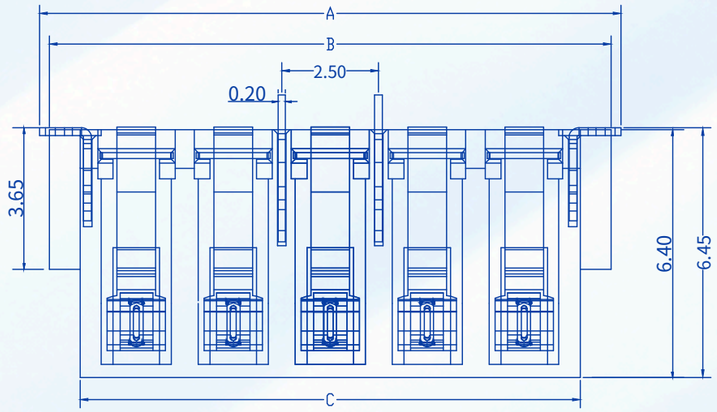
REVISION HISTORY

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

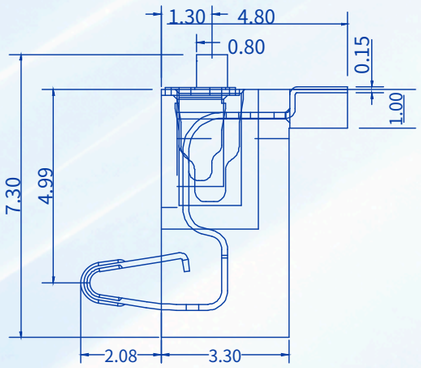


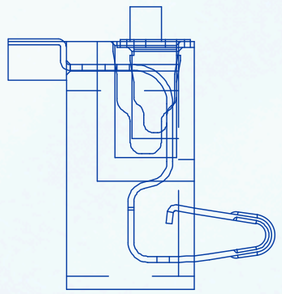


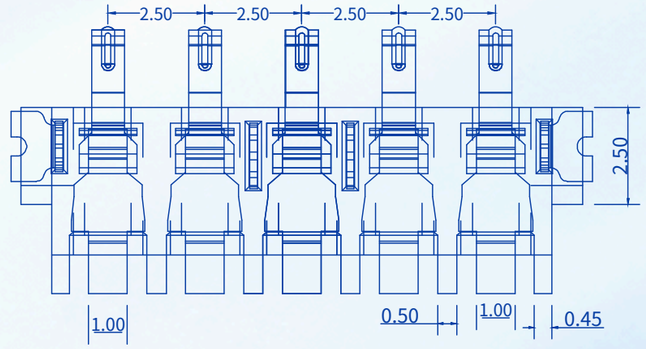
CIRCUIT



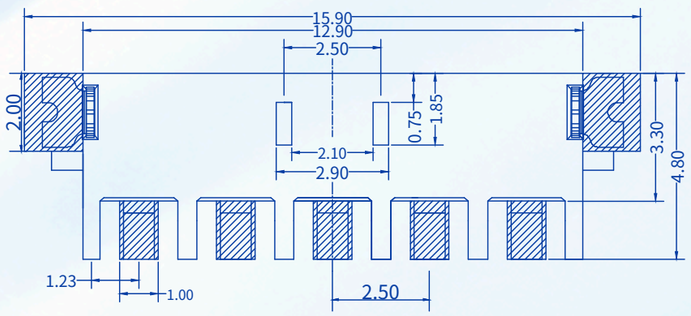
Dimension				
PART No.	PIN	A	B	C
CL-038-5P	5P	15.3	14.5	12.9
CL-038-3P	3P	10.3	9.5	7.9



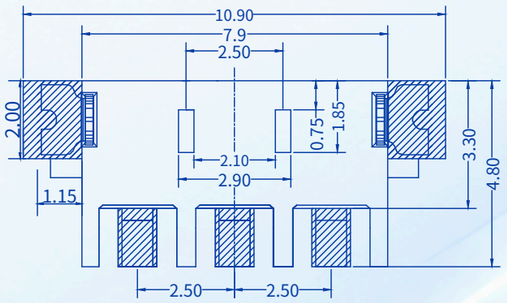




MATERIAL / SPECIFICATION	
Rated Current	2.0 A
Rated Voltage	12 V
Withstand Voltage	500 V
Contact Resistance	50 mΩ max.
Insulation Resistance	100 MΩ min.
Operating Temperature	-40°C ~ +85°C
Housing Material	LCP
Contact Material	Phosphor bronze; Gold plated
BOM: Peg	BRASS; Qty 1; Sn PLATED
BOM: Housing	LCP; Qty 1; BLACK
BOM: Terminal	C5210; Qty X; Au PLATED



PCB LAYOUT (5pin)



PCB LAYOUT (3pin)

GENERAL TOLERANCES (UNLESS OTHERWISE SPECIFIED)	
Up to 5	±0.2
Above 5 ~ 30	±0.3
Above 30	±0.5
Angle	±3°
Angle 0°	±3°

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	2.5 mm Pitch 6.4 mm Height SMT Spring Contact Battery Connector (5 Pin)							
PART NO.	KS-BC250-05S-640					REV.	A0	
SCALE	NTS	UNIT	mm	SIZE	A3	SHEET	1/1	