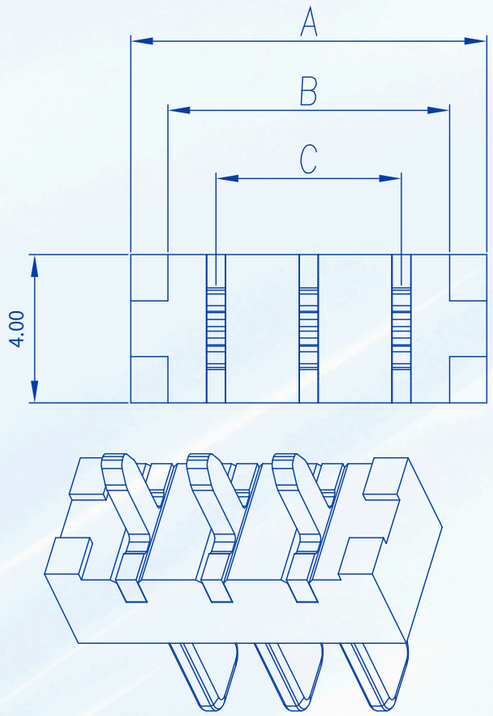
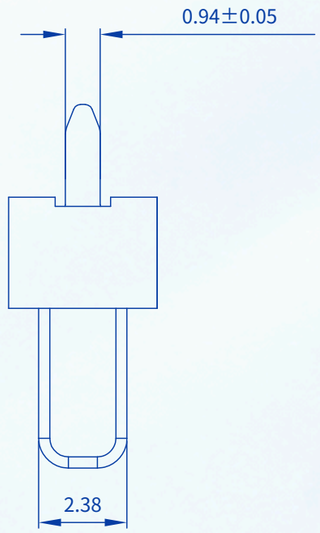
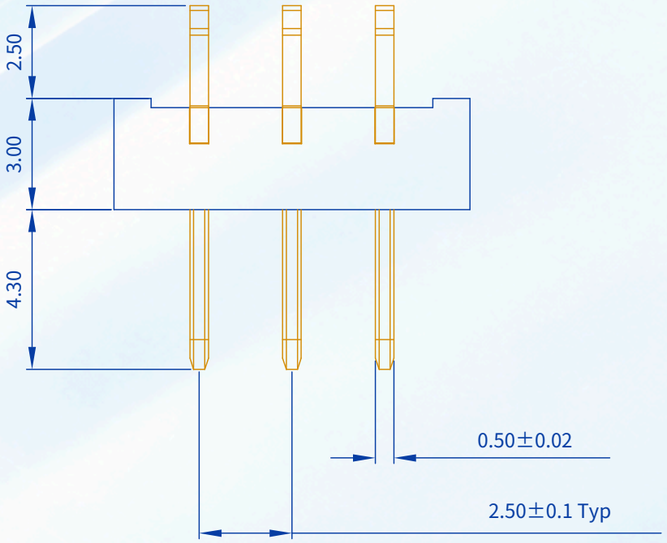
RoHS Compliant

REVISION HISTORY

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







PIN N0 3-3PIN

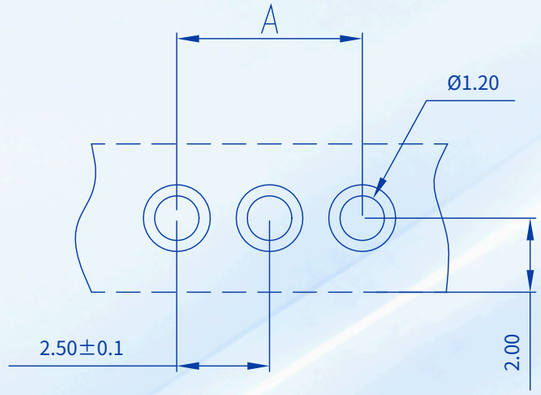
PIN N0 4-4PIN

PIN NO 5-5PIN

Plating 1- Au 1u"

Plating 2- Au 2u"

Plating 3- Au 3u"



Recomended P.C. Board Layout

PIN	3	4	5	6	7	8	9	10
A	9.6	12.1	14.6	17.1	19.6	22.1	24.6	27.1
B	7.6	10.1	12.6	15.1	17.6	20.1	22.6	25.1
C	5	7.5	10.0	12.5	15.0	17.5	20.0	22.5

MATERIAL / SPECIFICATION	
Rated Voltage	24V DC maximum
Rated Current	8A/Pin max.
Withstanding Voltage	1000V AC/1 minute
Insulation Resistance	500V DC 1000 MΩ min.
Contact Resistance	4 mΩ Max.
Insertion Force	4.0 kgf max.
Durability	A. 2000 cycles at 100±50 cycles perhour, Contact change from initial value: 2 mΩ Max.
Contact Area	1u" (Selectable) gold plated over 50u" NI min.
Solder Area	Gold Flashed plated over 50u" NI min.
Salt Spray Test	48 hours Min
Operating Temperature	-25°C To +85°C

GENERAL TOLERANCES (UNLESS OTHERWISE SPECIFIED)	
X.x	±0.30
X.xx	±0.10
X.xxx	±0.05
ANGULAR	±1°

PROJECTION

THIRD ANGLE PROJECTION

DRAWN BY	KANGSHENG
CHECKED BY	Makun
APPROVED BY	Jlan

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 Vertical Through-Hole Male Blade Battery Connector (3–10 Pin)							
PART NO.	KS-BL250-03M-VD-NN					REV.	A0	
SCALE	NTS	UNIT	mm	SIZE	A3	SHEET	1/1	