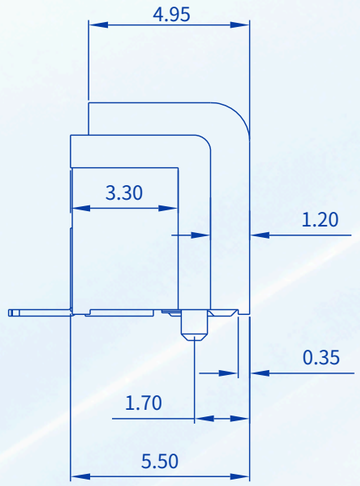
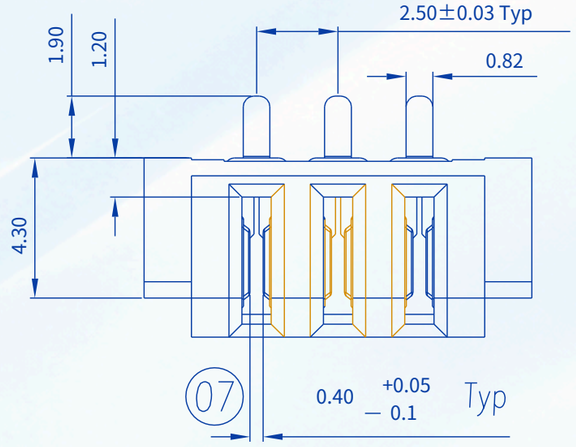
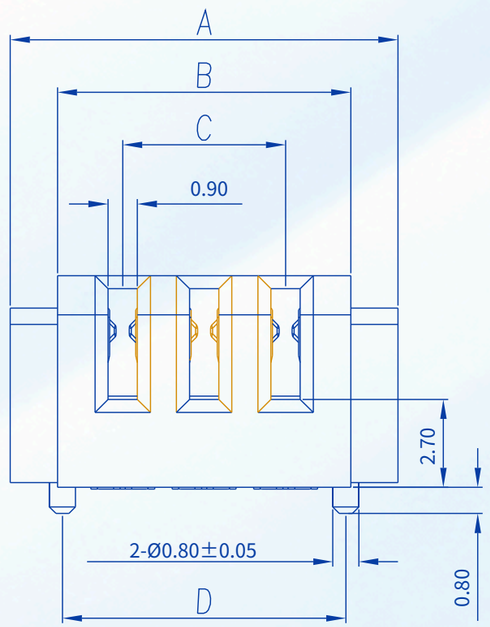
RoHS Compliant

REVISION HISTORY

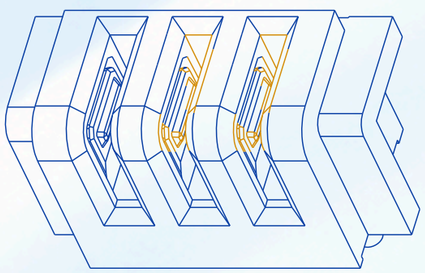
REV.	DESCRIPTION	DRAWN BY	CHECKED BY	APPROVED BY
A0	INITIAL RELEASE	KANGSHENG		

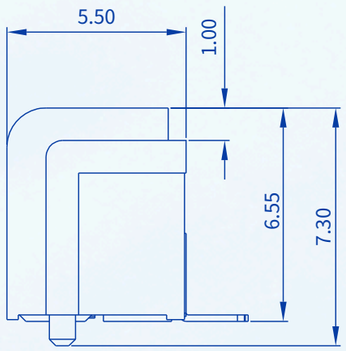


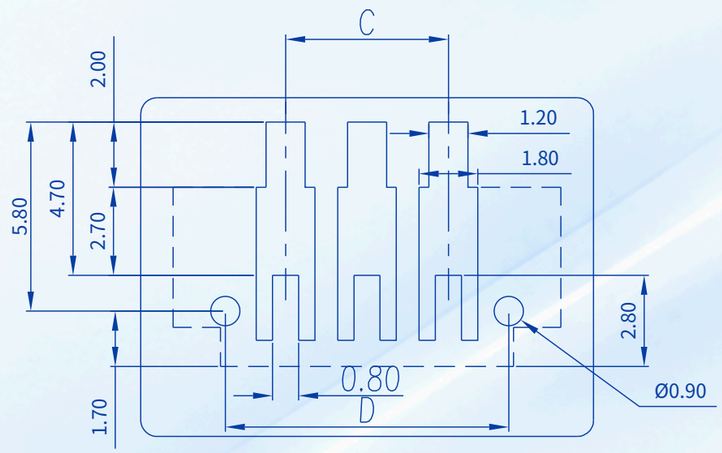




Dimension				
No. of Pins	DIM.A	DIM.B	DIM.C	DIM.D
03	11.9	9.0	5.0	8.7
04	14.4	11.5	7.5	11.2
05	16.9	14.0	10.0	13.7
06	19.4	16.5	12.5	16.2
07	21.9	19.0	15.0	18.7
08	24.4	21.5	17.5	21.2
09	26.9	24.0	20.0	23.7
10	29.4	26.5	22.5	26.2







Recommended P.C. Board Layout

MATERIAL / SPECIFICATION	
Rated Voltage	24V DC maximum
Rated Current	10A/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 per hour, contact change from initial value: 1 mΩ Max.; B. DIM. (07) should be <=0.47mm after 100 cycles
Terminal Contact Area Plating	1u" (Selectable) gold plated over 50u" NI min.
Terminal Solder Area Plating	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.	±0.30
X.x	±0.10
X.xx	±0.05
ANGULAR	±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	2.5 mm Pitch 7.3 mm Height Right-Angle Through-Hole Female Blade Battery Connector (3–10 Pin) 10A Rated							
PART NO.	KS-BL250-03F-RD730-NN						REV.	A0
SCALE	NTS	UNIT	mm	SIZE	A3	SHEET	1/1	