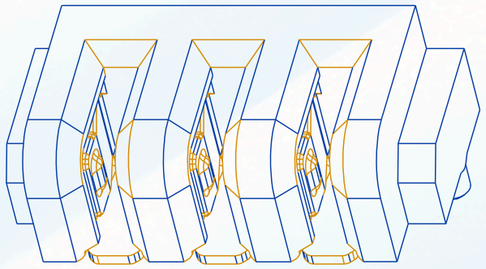
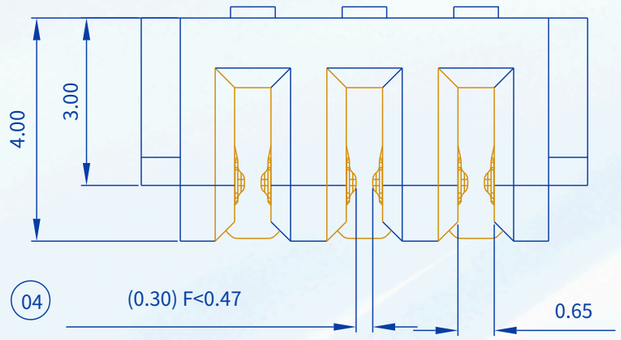
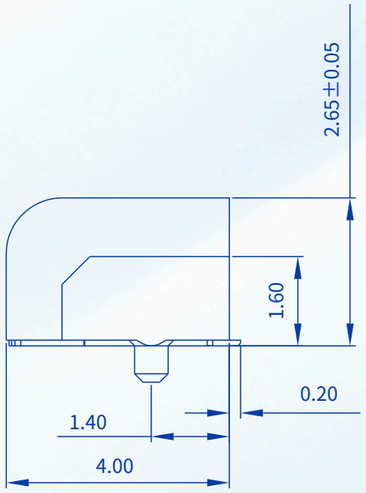
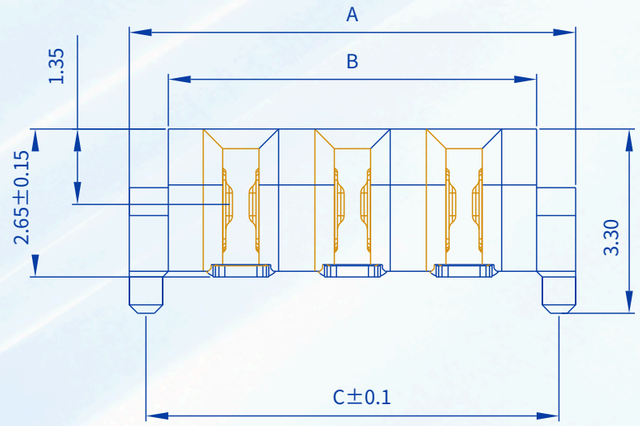
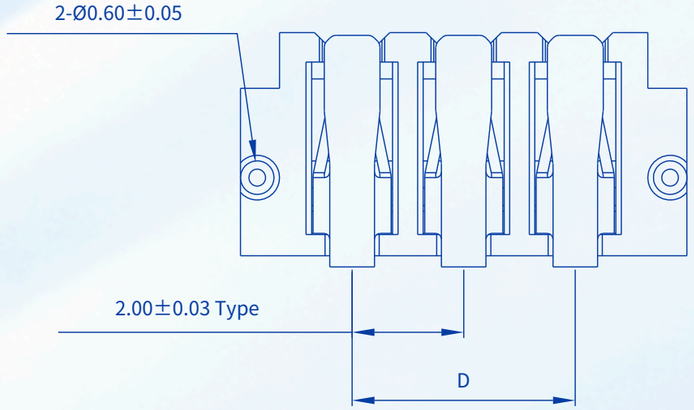
RoHS Compliant

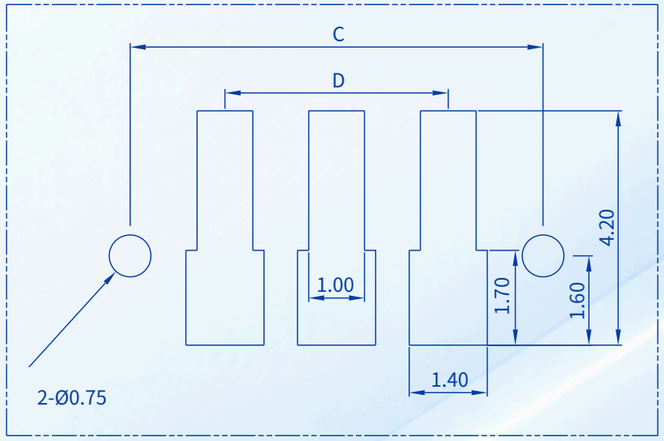












PCB Layout Reference

REVISION HISTORY

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

PIN DIMENSIONS (mm)				
PIN	A	B	C	D
3	8.0	6.6	7.4	4.0
4	10.0	8.6	9.4	6.0
5	12.0	10.6	11.4	8.0
6	14.0	12.6	13.4	10.0
7	16.0	14.6	15.4	12.0
8	18.0	16.6	17.4	14.0
9	20.0	18.6	19.4	16.0

MATERIAL / SPECIFICATION	
Housing	LCP + 30GF / BK
Rated Voltage	24V DC max.
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	2000 cycles at 100±50 cycles/hour
Contact Resistance Change	1 mΩ max. from initial value
DIM. 04 after 100 cycles	⩽0.47 mm
Terminal Plating (Contact Area)	Gold 1μ" (selectable) over Ni 50μ" min.
Terminal Plating (Solder Area)	Gold flash over Ni 50μ" min.
Salt Spray Test	48 hours min.
Operating Temperature	-25°C to +85°C

GENERAL TOLERANCES (UNLESS OTHERWISE SPECIFIED)	
.X	±0.30
.XX	±0.10
.XXX	±0.05
ANG	±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	Large 2 mm Pitch 3.3 mm Height SMT Female Blade Battery Connector (3–9 Pin)						
PART NO.	KS-BL200-03F-S330-NN					REV.	A0
SCALE	NTS	UNIT	mm	SIZE	A3	SHEET	1/1