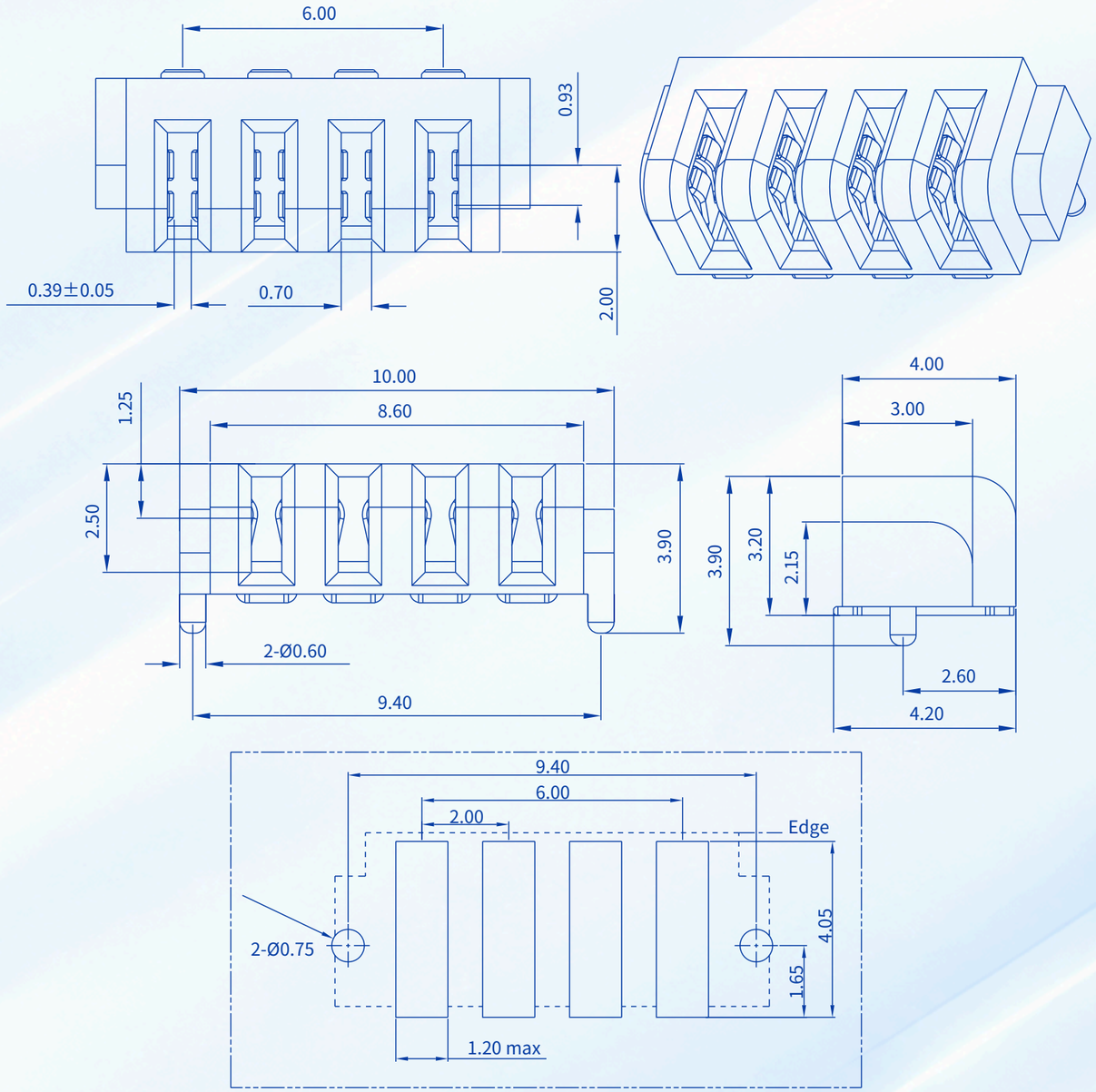
RoHS Compliant

REVISION HISTORY

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



PCB Layout Ref.

MATERIAL / SPECIFICATION	
Housing	LCP + 30GF / BK
Rated voltage	12V DC max.
Rated current	8A / Pin max.
Withstanding voltage	1000V AC / 1 minute
Insulation resistance	100MΩ min. / 500V DC
Contact resistance	30mΩ max.
Insertion force	3.5 kgf max.
Durability	2000 cycles at 100±50 cycles/hour
Contact resistance change	1mΩ max. from initial value
Contact plating	Au 1µin / Ni 50µin min.
Solder plating	Gold flash / Ni 50µin min.
Salt spray test	24 hours min.
Operating temperature	−25°C ~ 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 3.9 mm Height Right-Angle SMT Female Blade Battery Connector (4 Pin)						
PART NO.	KS-BL200-04F-RS390					REV.	A0
SCALE	NTS	UNIT	mm	SIZE	A3	SHEET	1/1