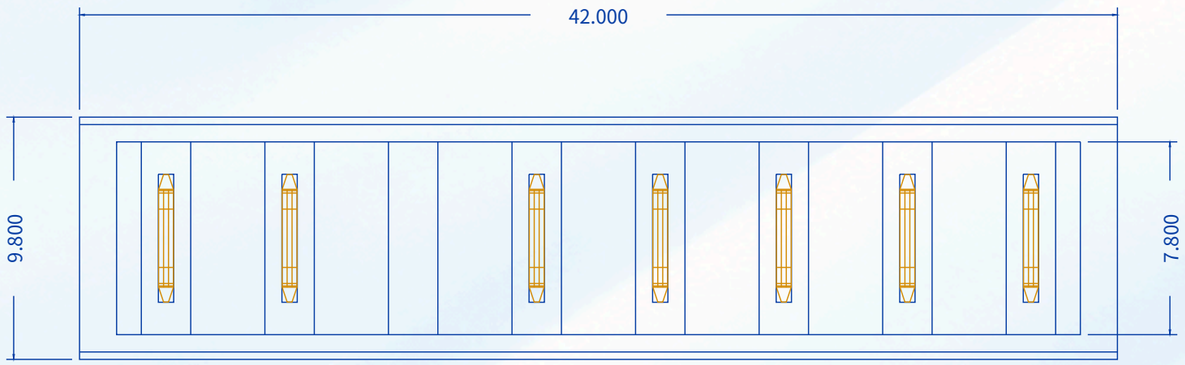
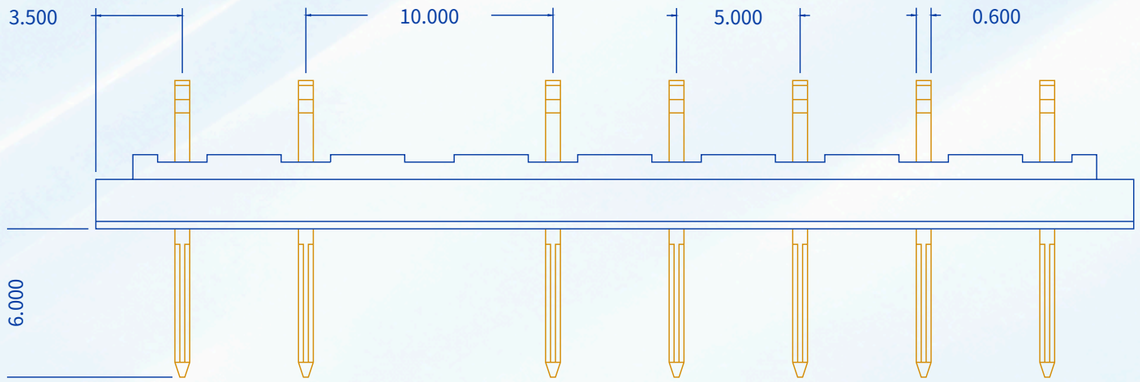
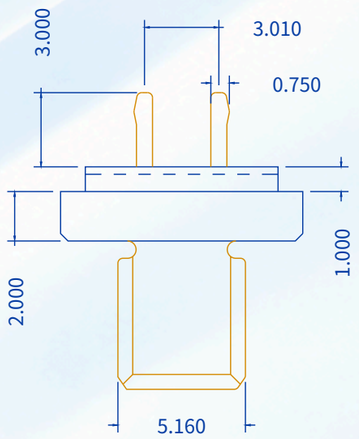
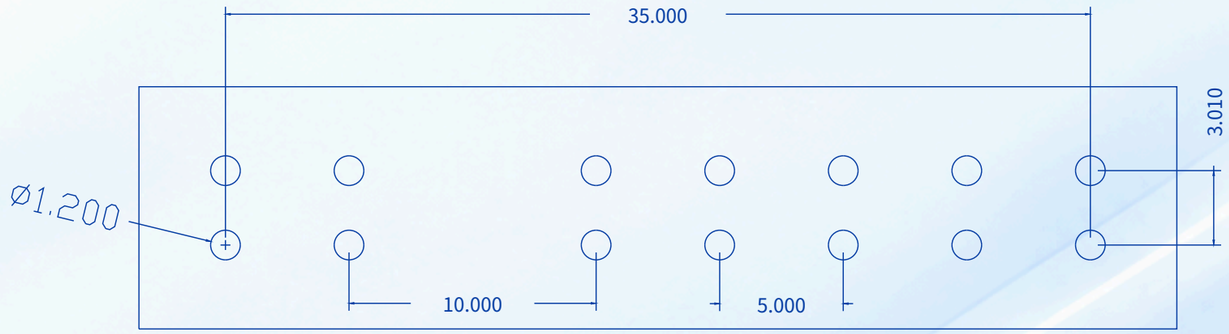
RoHS Compliant









Recommended P.C.B Layout

Layout Tolerance=+/-0.05mm

REVISION HISTORY

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

MATERIAL / SPECIFICATION

Housing	PA9T, UL 94V-0
Terminal	C2680
Finish	Terminal: Nickel 50 u"MIN under plated, overall Au plated on the contact area, or Tin on the soldering area
Current Rating	5A
Voltage Rating	30V AC
Dielectric Withstanding Voltage	500VAC
Insulation Resistance	100 MΩ min.
Contact Resistance	30 mΩ Max.
Operating Temperature	-40° ~ 105°
BOM: Housing	NYLON 9T; Qty 1; BLACK
BOM: Contact Terminal	PHOSPHOR BRONZE; Qty 9; Au PLATED

GENERAL TOLERANCES (UNLESS OTHERWISE SPECIFIED)	
UP TO 5	±0.2
ABOVE 5 ~ 30	±0.3
ABOVE 30	±0.5
ANGLE	±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	5 mm Pitch Vertical Through-Hole Male Blade Battery Connector (7 Pin) Keyed						
PART NO.	KS-BL500-07M-VDK					REV.	A0
SCALE	NTS	UNIT	mm	SIZE	A3	SHEET	1/1