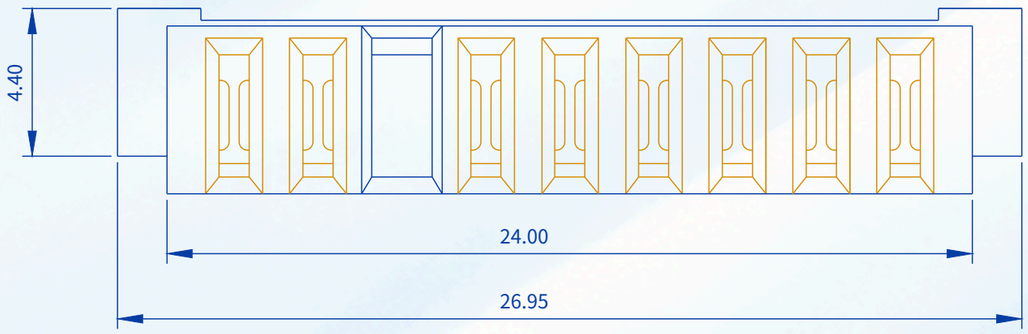
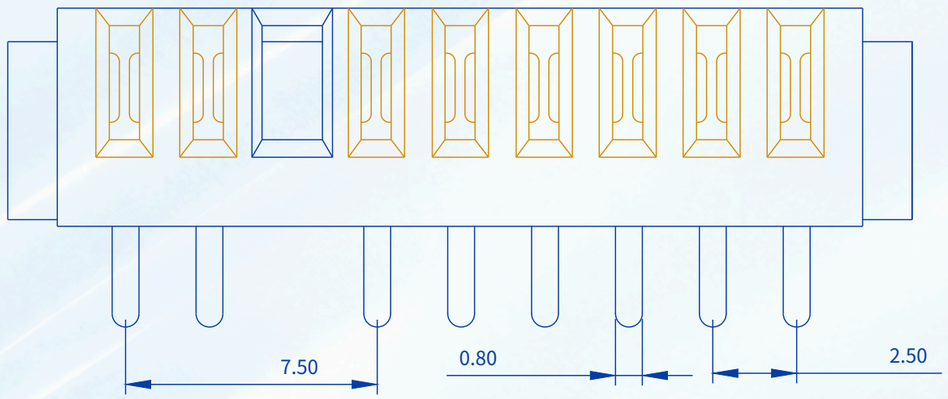
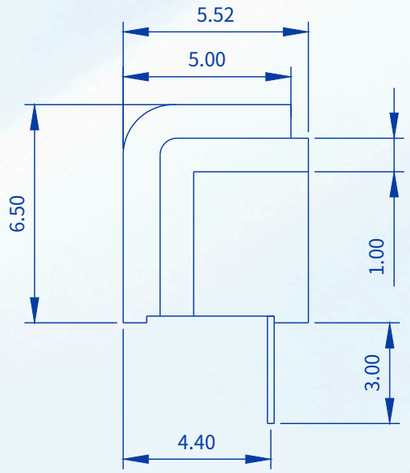
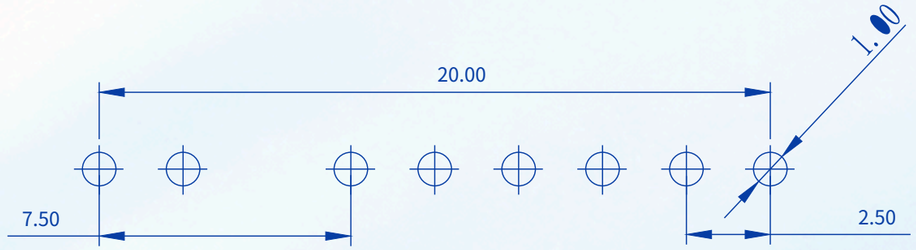
RoHS Compliant









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	
Insulator	Nylon 9T (UL94V-0)
Contact	Phosphor Bronze
Contact Plated	Gold over Nickel or Tin
Current Rating	7A
Instant Current	10A
Contact Resistance	30 mΩ
Insulation Resistance	100MΩ
Dielectric Voltage	500V
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	2.5 mm Pitch 6.5 mm Height Vertical Through-Hole Female Blade Battery Connector (7 Pin) Keyed						
PART NO.	KS-BL250-07F-VD650K					REV.	A0
SCALE	NTS	UNIT	mm	SIZE	A3	SHEET	1/1