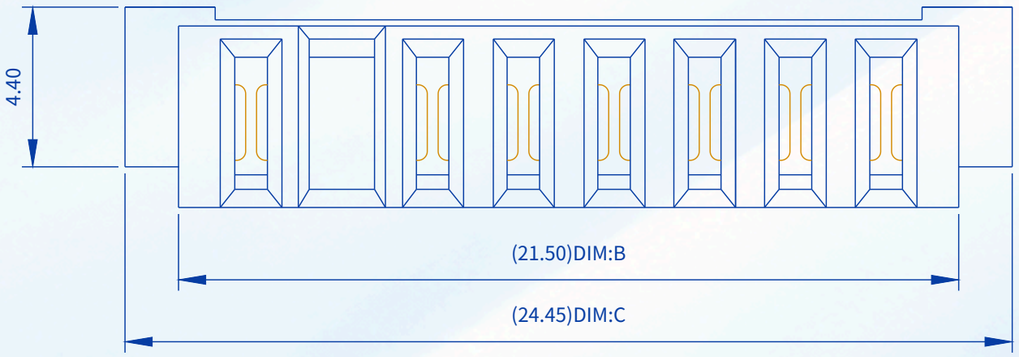
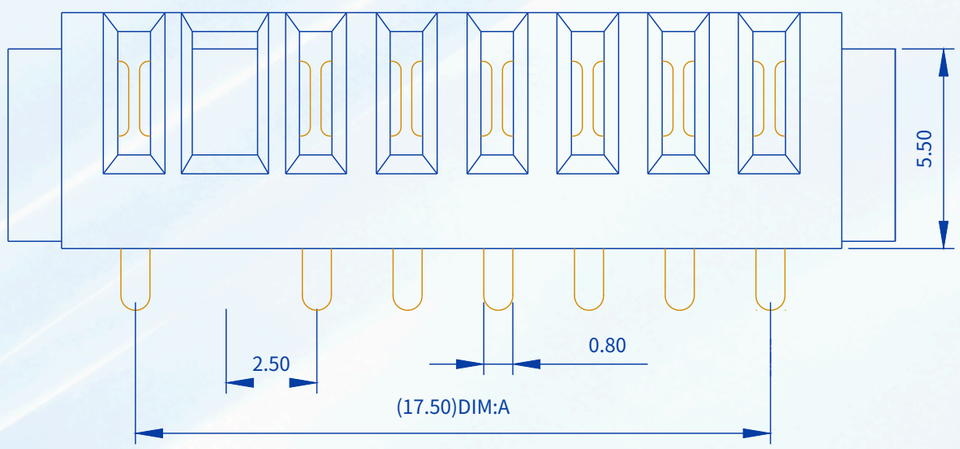
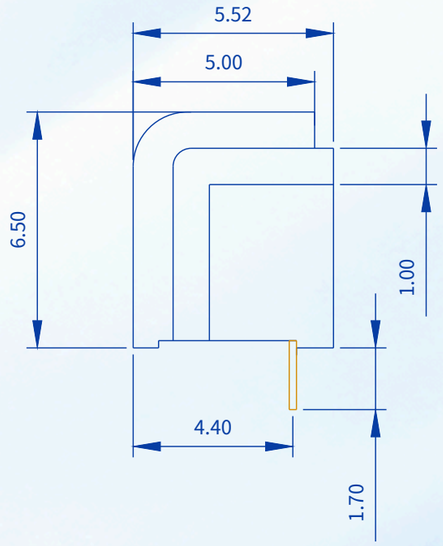
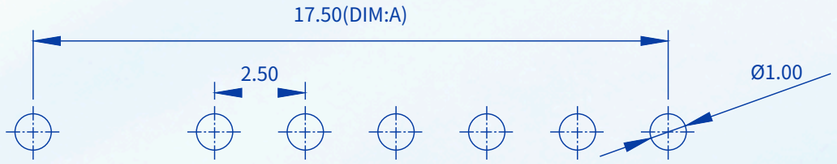
RoHS Compliant









Recommended P.C.B Layout

Layout Tolerance=+/-0.05mm

REVISION HISTORY

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

Dimension			
No:of pins	DIM.A	DIM.B	DIM.C
03	7.50	11.50	14.45
04	10.00	14.00	16.95
05	12.50	16.50	19.45
06	15.00	19.00	21.95
07	17.50	21.50	24.45
08	20.00	24.00	26.95
09	22.50	26.50	29.45
10	25.00	29.00	31.95

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	100 MΩ
Dielectric Voltage	500V
Operating Temperature	-40°~105°

GENERAL TOLERANCES (UNLESS OTHERWISE SPECIFIED)	
X.	±0.50
X.x	±0.30
X.xx	±0.20
ANGULAR	±2°

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 5.5 mm Height Vertical Through-Hole Female Blade Battery Connector (3–10 Pin) Keyed						
PART NO.	KS-BL250-07F-VD550K-NN-04					REV.	A0
SCALE	NTS	UNIT	mm	SIZE	A3	SHEET	1/1