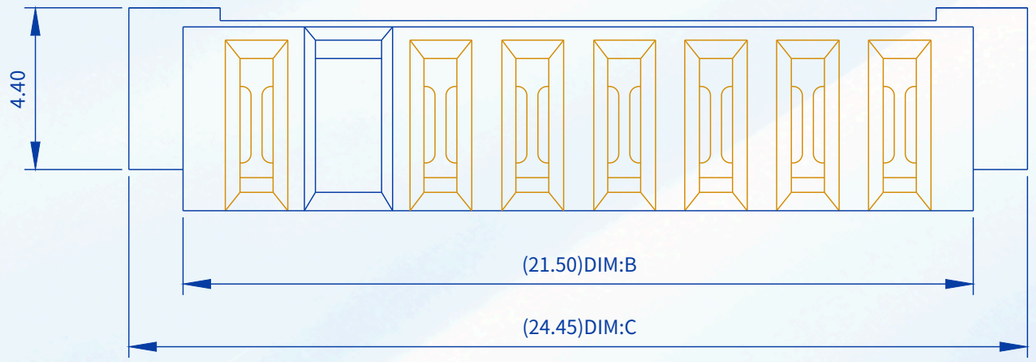
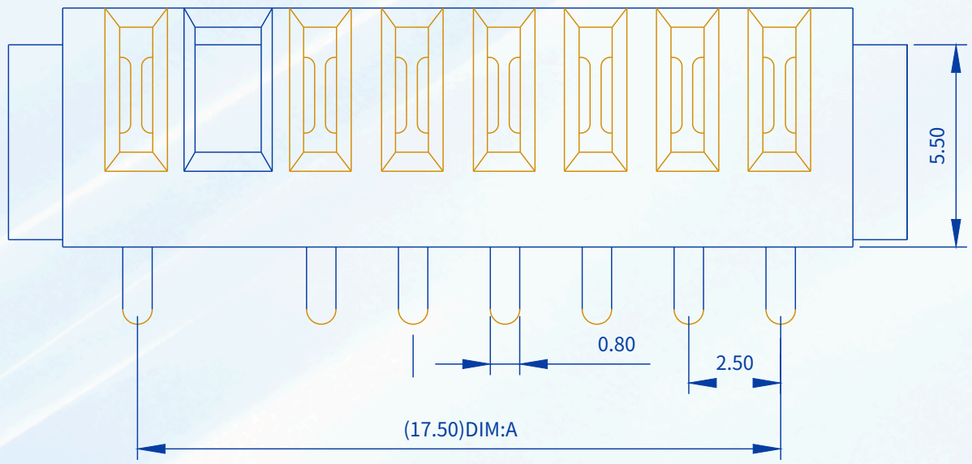
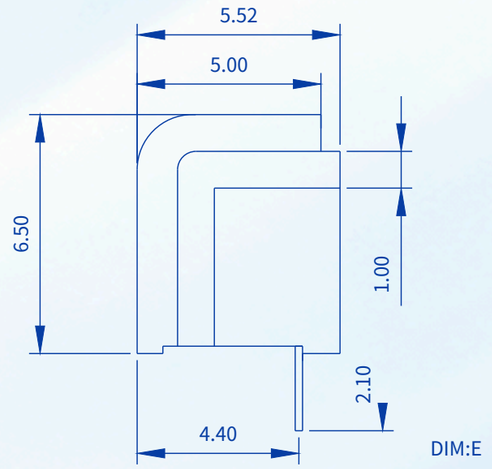
RoHS Compliant









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	DIM.E
03	7.50	11.50	14.45	2.1/3.0
04	10.00	14.00	16.95	2.1/3.0
05	12.50	16.50	19.45	2.1/3.0
06	15.00	19.00	21.95	2.1/3.0
07	17.50	21.50	24.45	2.1/3.0
08	20.00	24.00	26.95	2.1/3.0
09	22.50	26.50	29.45	2.1/3.0
10	25.00	29.00	31.95	2.1/3.0

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°

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-02					REV.	A0	
SCALE	NTS	UNIT	mm	SIZE	A3	SHEET	1/1	