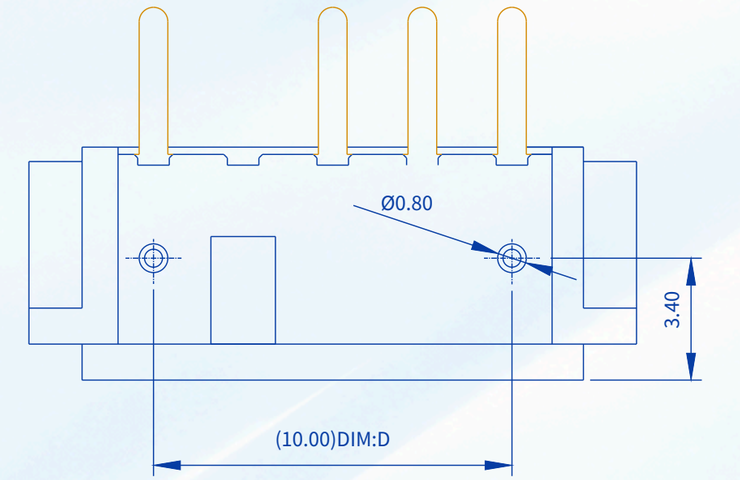
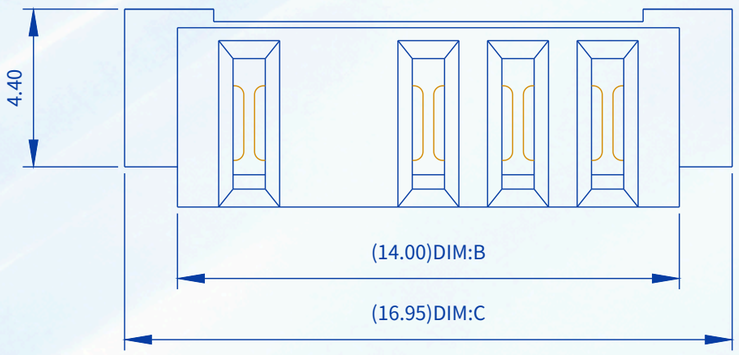
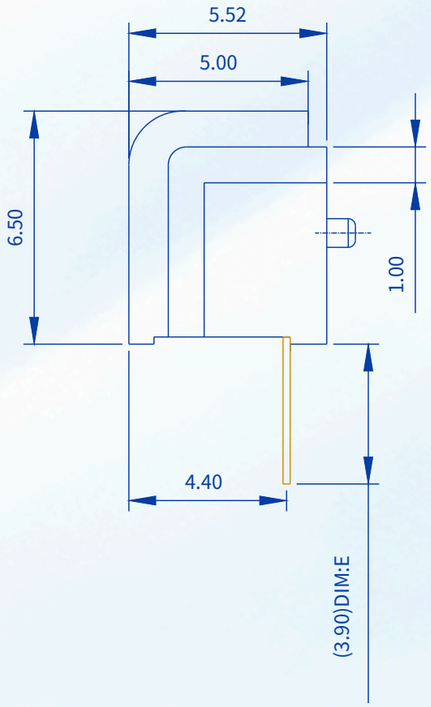
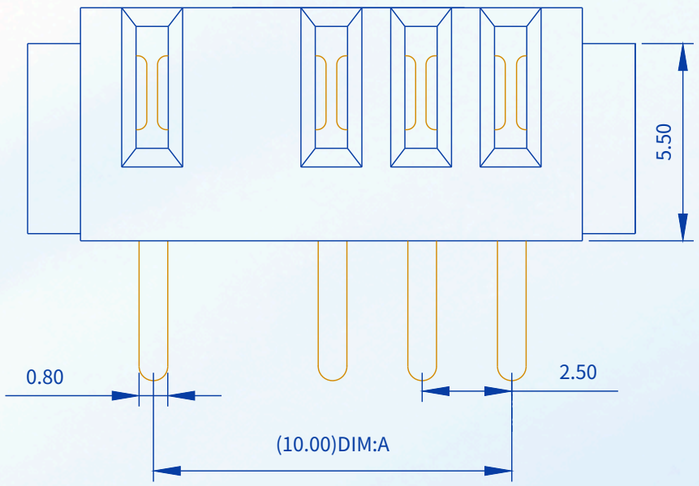
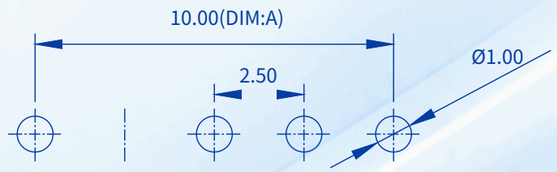
RoHS Compliant











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.D	DIM.E
03	7.50	11.50	14.45	7.50	3.90/4.45
04	10.00	14.00	16.95	10.00	3.90/4.45
05	12.50	16.50	19.45	12.50	3.90/4.45
06	15.00	19.00	21.95	15.00	3.90/4.45
07	17.50	21.50	24.45	17.50	3.90/4.45
08	20.00	24.00	26.95	20.00	3.90/4.45
09	22.50	26.50	29.45	22.50	3.90/4.45
10	25.00	29.00	31.95	25.00	3.90/4.45

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.	±0.20
X.x	±0.15
X.xx	±0.10
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 With Locating Post						
PART NO.	KS-BL250-04F-VD550PK-NN-01					REV.	A0
SCALE	NTS	UNIT	mm	SIZE	A3	SHEET	1/1