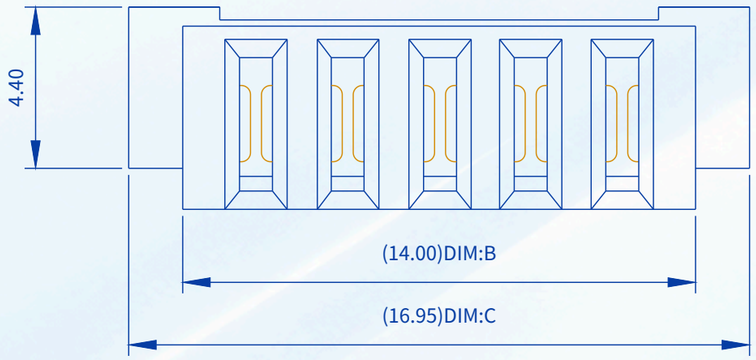
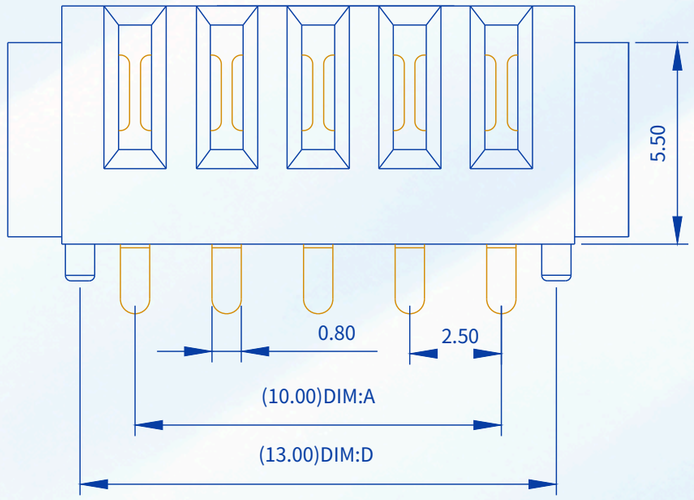
RoHS Compliant

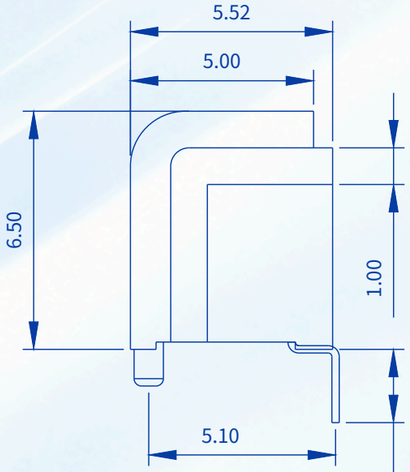
REVISION HISTORY

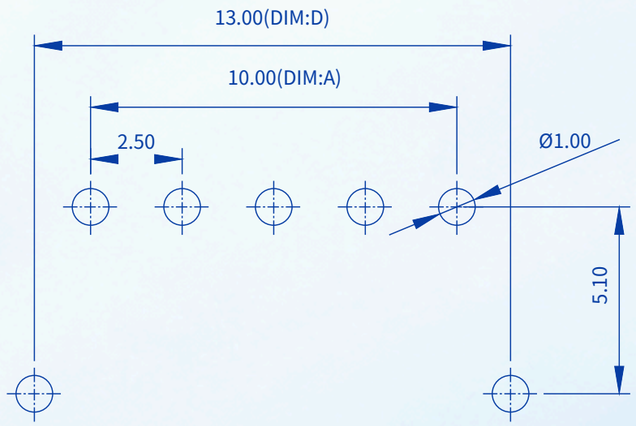
REV.	DESCRIPTION	DRAWN BY	CHECKED BY	APPROVED BY
A0	INITIAL RELEASE	KANGSHENG		





DIMENSION					
PINS	DIM.A	DIM.B	DIM.C	DIM.D	DIM.E
03	5.00	9.00	11.95	8.00	2.00
04	7.50	11.50	14.45	10.50	2.00
05	10.00	14.00	16.95	13.00	2.00
06	12.50	16.50	19.45	15.50	2.00
07	15.00	19.00	21.95	18.00	2.00
08	17.50	21.50	24.45	20.50	2.00
09	20.00	24.00	26.95	23.00	2.00
10	22.50	26.50	29.45	25.50	2.00
11	25.00	29.00	31.95	28.00	2.00





Recommended P.C.B Layout

Layout Tolerance=+/-0.05mm

MATERIAL / SPECIFICATION	
Insulator	Nylon 9T (UL94V-0)
Contact	Phosphor Bronze
Contact Plating	Gold over Nickel or Tin
Current Rating	7 A
Instant Current	10 A
Contact Resistance	30 mΩ
Insulation Resistance	100 MΩ
Dielectric Voltage	500 V
Operating Temperature	-40° ~ 105°

GENERAL TOLERANCES (UNLESS OTHERWISE SPECIFIED)	
X.	±0.20
X.x	±0.15
X.xx	±0.10
ANGULAR	±2°
PCB Layout	±0.05

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 SMT Female Blade Battery Connector (3–11 Pin) With Locating Post						
PART NO.	KS-BL250-05F-VS550P-NN-01					REV.	A0
SCALE	NTS	UNIT	mm	SIZE	A3	SHEET	1/1