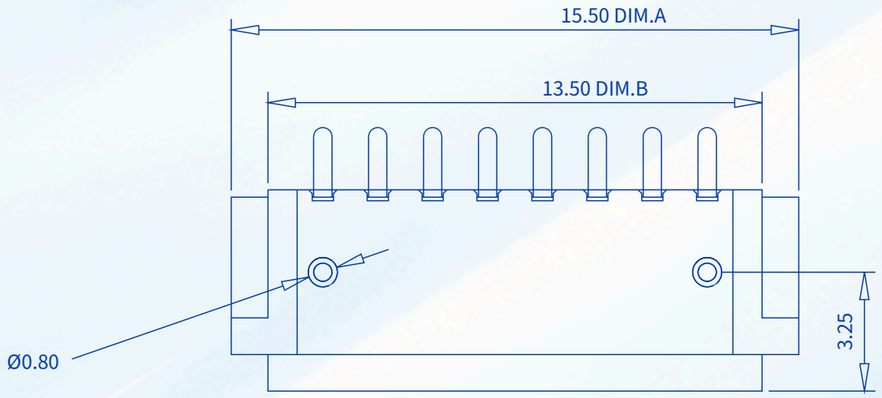
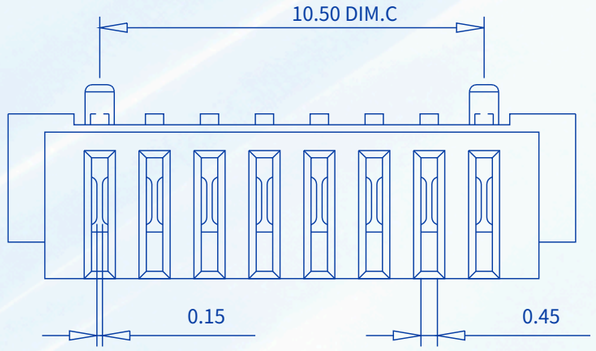
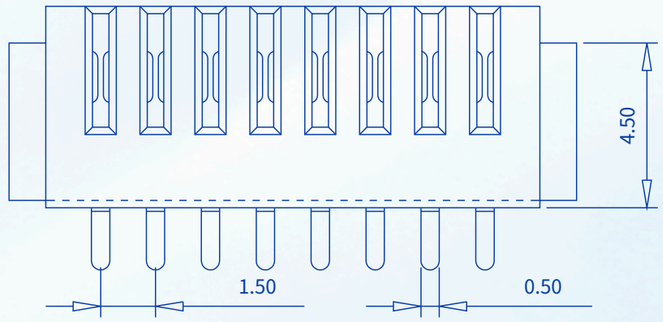
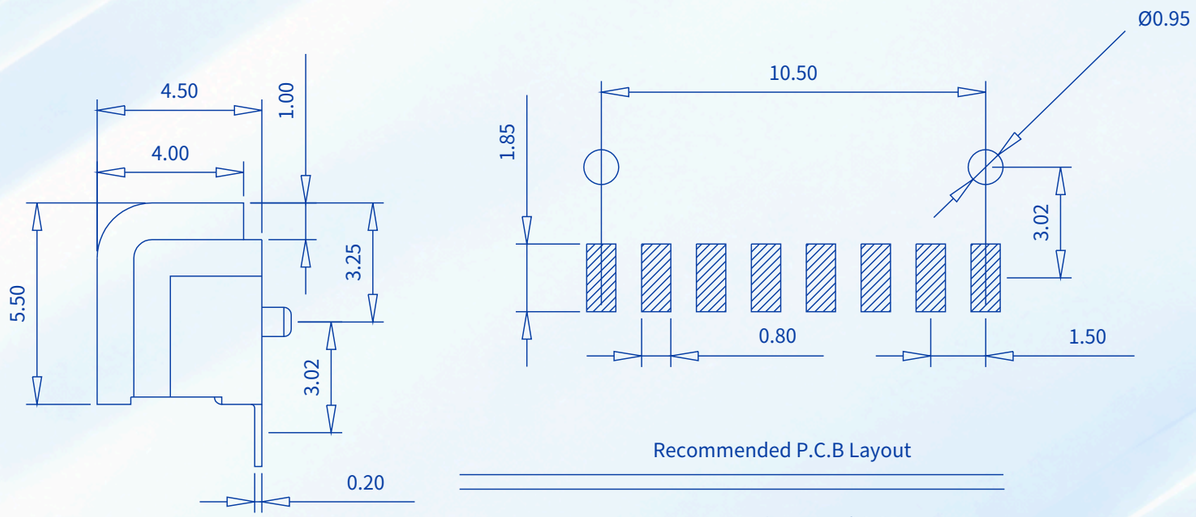
RoHS Compliant









Recommended P.C.B Layout

Layout Tolerance: ±0.05 mm

REVISION HISTORY

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

MATERIAL / SPECIFICATION	
Insulator	Nylon 9T (UL94V-0), Black
Contact	Phosphor Bronze
Contact Plating	Gold over Nickel or Tin
Current Rating	5 A
Instant Current	7 A
Contact Resistance	30 mΩ
Insulation Resistance	100 MΩ
Dielectric Voltage	500 V
Operating Temperature	-40° to +105°
BOM: Housing	No. 2; Qty 1; Black
BOM: Contact Terminal	No. 1; Qty 9; Au Plated

DIMENSIONS (mm)			
PINS	DIM.A	DIM.B	DIM.C
2Pin	6.50	4.50	1.50
3Pin	8.00	6.00	3.00
4Pin	9.50	7.50	4.50
5Pin	11.00	9.00	6.00
6Pin	12.50	10.50	7.50
7Pin	14.00	12.00	9.00
8Pin	15.50	13.50	10.50
9Pin	17.00	15.00	12.00
10Pin	18.50	16.50	13.50
11Pin	20.00	18.00	15.00
12Pin	21.50	19.50	16.50
13Pin	23.00	21.00	18.00
14Pin	24.50	22.50	19.50
15Pin	26.00	24.00	21.00
16Pin	27.50	25.50	22.50

GENERAL TOLERANCES (UNLESS OTHERWISE SPECIFIED)	
UP TO 5	±0.2
ABOVE 5 TO 30	±0.3
ABOVE 30	±0.5
ANGULAR	±3°
ANGLE (TITLE BLOCK)	0°±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	1.5 mm Pitch 4.5 mm Height Right-Angle SMT Female Blade Battery Connector (2–16 Pin) Rear Locating Post								
PART NO.	KS-BL150-08F-RS450P-NN							REV.	A0
SCALE	NTS	UNIT	mm	SIZE	A3	SHEET	1/1		