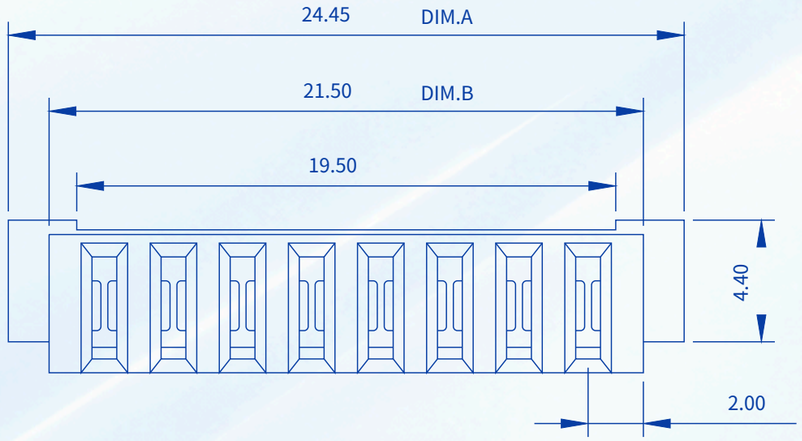
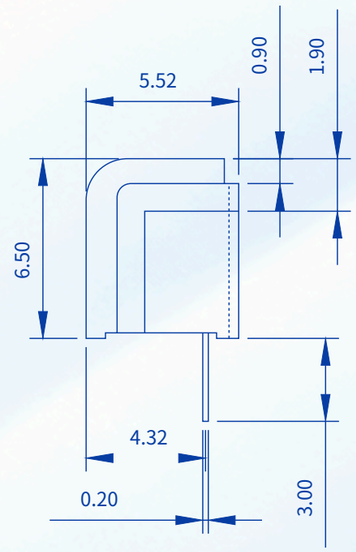
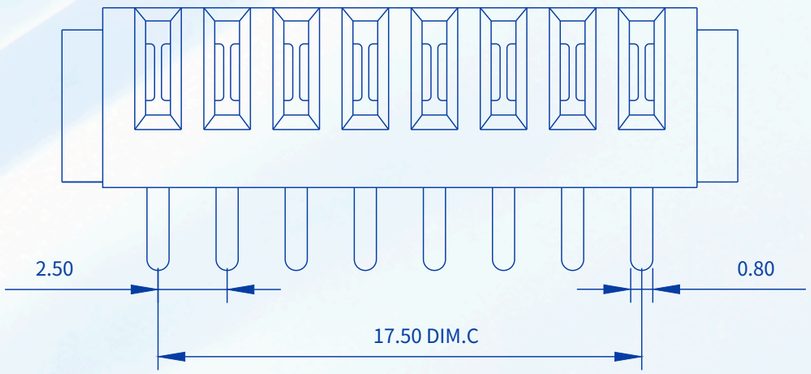
RoHS Compliant

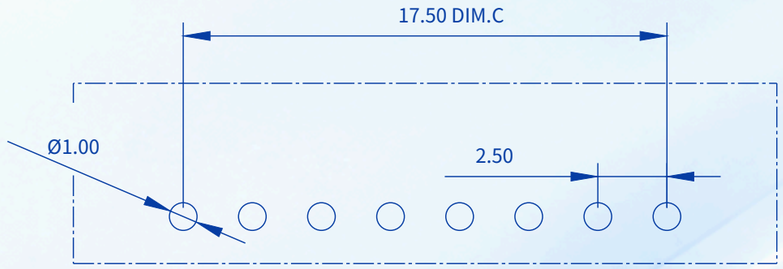
REVISION HISTORY

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









RECOMMENDED PCB LAYOUT

T=1.2MM, TOLERANCES ±0.05MM

MATERIAL / SPECIFICATION	
Housing	PA9T, UL 94V-0
Terminal	Phosphor Bronze
Terminal Finish	Nickel 50 u" min under plated overall
Contact Area	Au plated
Soldering Area	or Tin
Current Rating	5 A
Voltage Rating	30 V AC
Dielectric Withstanding Voltage	500 VAC
Insulation Resistance	100 MΩ min.
Contact Resistance	30 mΩ max.
Operating Temperature	-40° ~ 105°

DIMENSION			
PINS	DIM.A	DIM.B	DIM.C
02	9.45	6.50	2.50
03	11.95	9.00	5.00
04	14.45	11.50	7.50
05	16.95	14.00	10.00
06	19.45	16.50	12.50
07	21.95	19.00	15.00
08	24.45	21.50	17.50
09	26.95	24.00	20.00
10	29.45	26.50	22.50
11	31.95	29.00	25.00
12	34.45	31.50	27.50
13	36.95	34.00	30.00
14	39.45	36.50	32.50
15	41.95	39.00	35.00
16	44.45	41.50	37.50

GENERAL TOLERANCES (UNLESS OTHERWISE SPECIFIED)	
X.	±0.5
X.x	±0.35
X.xx	±0.25
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 Through-Hole Female Blade Battery Connector (2–16 Pin)								
PART NO.	KS-BL250-08F-VD550-NN-01						REV.	A0	
SCALE	NTS	UNIT	mm	SIZE	A3	SHEET	1/1		