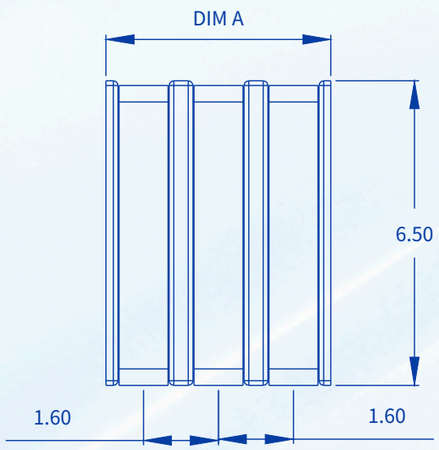
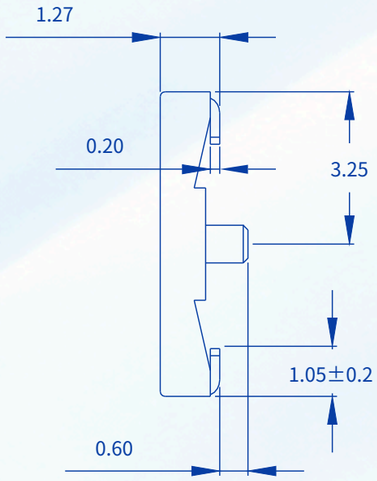
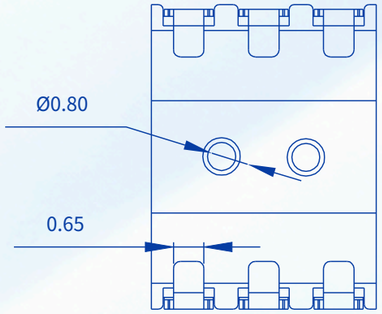
RoHS Compliant

REVISION HISTORY

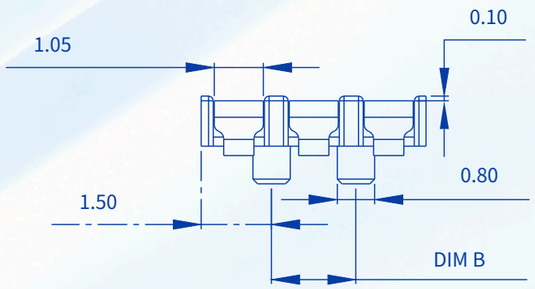
REV.	DESCRIPTION	DRAWN BY	CHECKED BY	APPROVED BY
A0	INITIAL RELEASE	KANGSHENG		

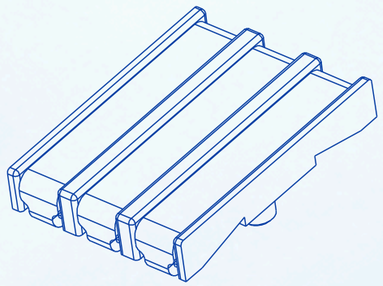


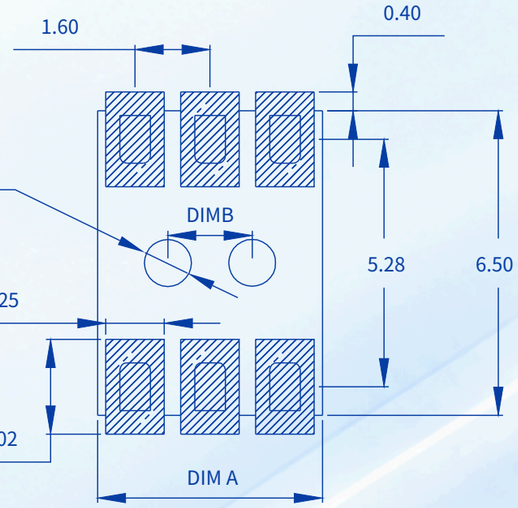




MATERIAL / SPECIFICATION	
Current rating	3.0 A
Voltage rating	12 V
Dielectric withstand	500 V
Contact resistance	30mΩ
Insulation resistance	500MΩ
Operating temperature	−45°C ~ +85°C
Housing material	PA9T Black
Contact material	Brass C2680
Contact area plating	Gold 3 µin
Durability	5000 cycles MIN







RECOMMENDED PCB LAYOUT

TOP VIEW

DIMENSION		
PINS	DIM A	DIM B
3	4.8	1.8
4	6.4	3.4
5	8.0	5.0
6	9.6	6.6
7	11.2	8.2
8	12.8	9.8
9	14.4	11.4
10	16.0	13.0

GENERAL TOLERANCES (UNLESS OTHERWISE SPECIFIED)	
X.	±0.35
X.X	±0.25
X.XX	±0.15
X.XXX	±0.05
PCB .XX	±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	1.6 mm Pitch 1.27 mm Height SMT Female Spring Contact Battery Connector (3–10 Pin) With Locating Post							
PART NO.	KS-BC160-03F-127P-NN						REV.	A0
SCALE	NTS	UNIT	mm	SIZE	A3	SHEET	1/1	