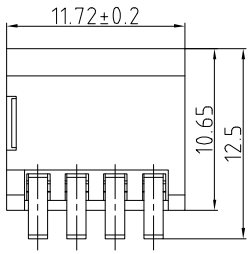
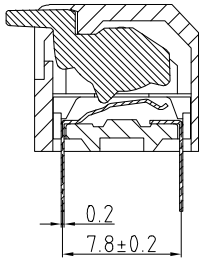
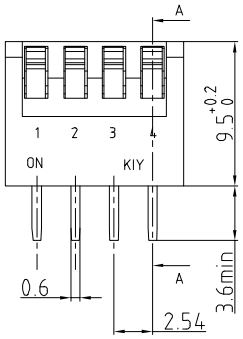
CUSTOMER DRAWING

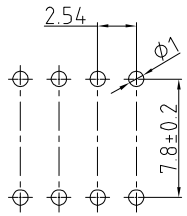
REV. 版本	ECN NO. ECN编号	DATE 日期	DESCRIPTION 内容描述	APPROVED BY 核准
A0	——	2023/03/17	NEW RELEASE	APLIN





SECTION A-A





PCB LAYOUT

规格参数SPECIFICATIONS:

1.操作力Operating Force:单键开关最大操作力不大于6N
2.工作温度Operating Temperature:-25℃~+70℃
3.储存温度Storage Temperature:-40℃~+85℃
4.按键行程Key Travel:2mm
5.开关经常切换的额定电流Rated Current(Frequently Switched):25mA,耐压24VDC
6.开关不经常切换的额定电流Rated Current(Infrequently Switched):100mA,耐压50VDC
7.接触电阻Contact Resistance:初始值最大50mΩ,测试后最大100mΩ
8.绝缘电阻Insulation Resistance:最小100MΩ,500VDC
9.极间电容Capacitance Between Terminals:最大5pF
10.电气强度Electrical Strength:可承受基频正弦波形,频率50Hz,500VDC/1min的电气强度实验,无闪络或击穿现象
11.回路Circuit:单极单路选择
12.电器寿命Electrical Life:单极开关在超压24VDC与25mA之下测试,拨动1000次以后仍能正常工作
13.焊接和清洗过程Soldering and Cleaning Process:在所有操作过程中,请确保开关在“OFF”位置
14.波峰Wave Soldering:推荐焊锡温度在240℃,最多5秒钟
15.手焊Hand Soldering:使用30瓦烙铁控制温度在270℃,焊接时间大约3秒钟
16.清洗过程Cleaning Process:使用低气压方法,注意不要浸洗5秒
17.盖子Cap:PBT红色(Red)、蓝色(Blue)
18.底座Base:PBT黑色(Black)
19.拨柄Actuator:PBT白色(White)
20.端子Terminal:磷青铜(Phosphor Bronze),镀金(Gold Plated)

HAOSWITCH 佛山市皓通电子有限公司
FoShan Haoswitch Electronic Co.,Ltd.

DRAWN BY 制图	YUAN	2023/03/17	SCALE 比例	FREE	PRODUCT NAME 产品名称	DP-04
CHECKED BY 核对	APLIN	2023/03/17	PAGE 页面	1/1	DESCRIPTION 产品描述	
APPROVED BY 批准	ZHANG	2023/03/17	UNIT 单位	mm		
TOLERANCE 未标注公差	X: ±0.5 .X: ±0.3 .XX: ±0.2	X°: ±5° .X°: ±2°	PROJECTED 投影		PART NO. 物料编号	HT-KQJS-DP-04-AZ01
					SIZE 尺寸 A4	DRAWN NO. 图纸编号 HTDW20230317-030