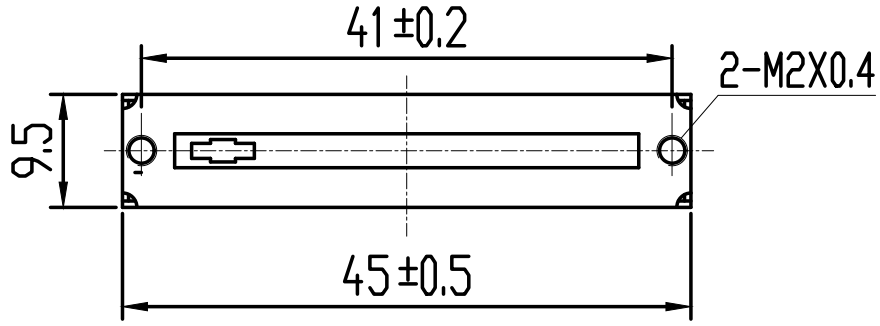
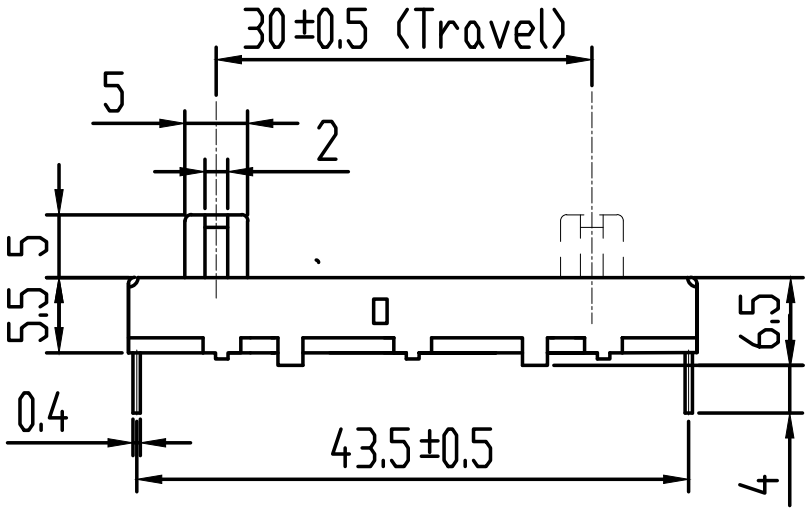
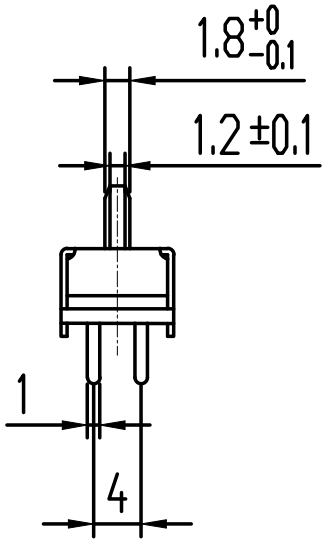
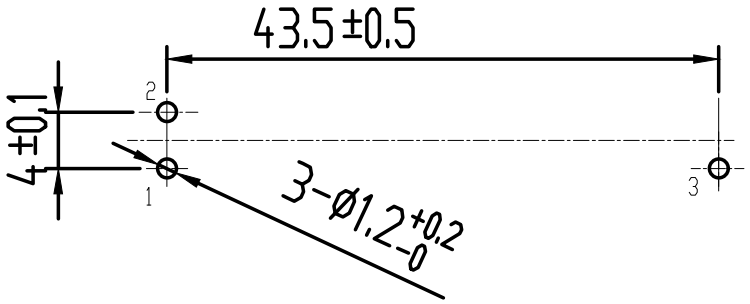
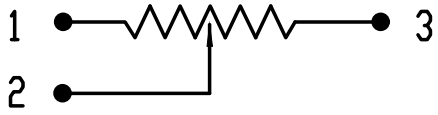








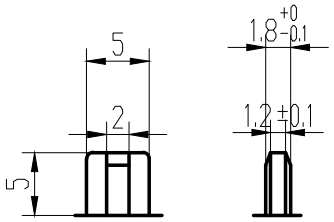
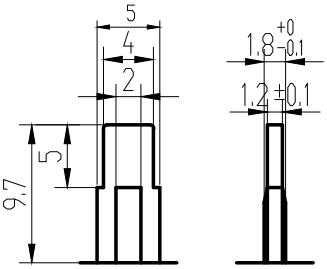
MOUNTING HOLE DETAIL



CIRCUIT

SL3095N-20-XXX-B100K

Slider Type

Slider Type	
5CA	9.7CH
	

江苏国科新昌科技有限公司

常州市新昌电子有限公司

NO	DESCRIPTION	DATE

Projected view

TOL UNLESS OTHERWISE STATED

Less than	10±0.3
above 10~30	±0.5
above 30~100	±1
above	±5°

机种	SL3095N
品名	SL3095N-20-XXX-B100K
图号	

DRAWN BY	CHECKED BY	APPROVED BY

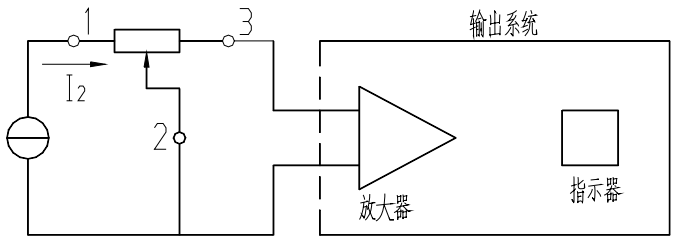
1．General Characteristics	1．一般特性
1.1 Shape and dimensions In accordance with the outline and dimension drawing. 1.2 Operating temperature range －10℃～＋75℃ 1.3 Conserving temperature ranged －20℃～＋85℃ 1.4 Test conditions Ordinary temperature (5~35℃) Ordinary humidity (45~85%Rh) Ordinary atmospheric pressure (86~106kPa)	1.1 形状尺寸 见附图 1.2 使用温度范围 －10℃～＋75℃ 1.3 保存温度范围 －20℃～＋85℃ 1.4 测试条件 常温 (温度 5~35℃) 常湿 (湿度 45~85%Rh) 常压 (气压 86~106kPa)

2．Mechanical Characteristics	2．机械特性

	Item 项目		Measuring condition 测试条件	Specifications 规格
Rotation operation 回转操作	2.1	Slider travel 滑动行程	Measure the travel from the terminal to another terminal 一端至另一端的距离	30mm±0.5mm
	2.2	Operating force 动作力	Measure the starting torque 测试起动时的力矩	30~150gf
	2.3	Level wobble 滑柄晃动	2(2xL)/20mm Max(L: Level length both slides)	
	2.4	Click position/torque 定位点位置及力矩		

3．Electrical characteristics	3．电气特性

Item 项目		Measuring condition 测试条件	Specifications 规格
3.1	Rating 额定值	Power rating(70℃) 70℃时额定功率 W	0.25W
		Max operating voltage (virtual value of alternating current) 最高使用电压（交流峰有效值）V	AC200V
3.2	Total Resistance error 总阻误差	Measurement shall be made at 1、3 terminals of resistance. 在电阻体的 1、3 端测试	100K ± 20%
3.3	Residual resistance 残留电阻	Measurement shall be made separately when potentiometers rotate at 1 terminal and 3 terminal. 电位器旋至 1 与 3 端时分别测试、	$R_{1、2}$≤20Ω $R_{2、3}$≤20Ω

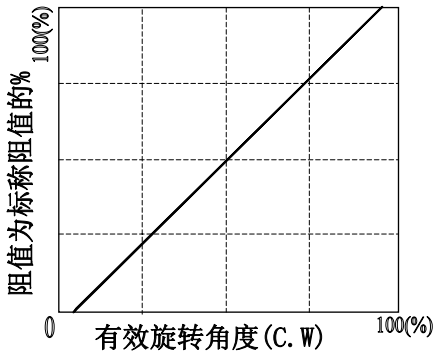
Item 项目		Measuring condition 测试条件	Specifications 规格
3.4	Slider noise 滑动噪声	The residual resistance with the shaft (lever) placed at the end of terminal 1, shall be measured between the terminals 1 and 2. Next with the shaft (lever) placed at the end of terminal 3, the resistance shall be measured between the terminals 2 and 3. If there are tapped terminals, the shaft (lever) shall be turned (moved) and the resulting minimum resistance between the taped terminal and the terminal 2 shall be measured.  按照如图的测试电路测试，以每分钟 2～5 圈的速度转动转轴。	≤68mV
3.5	Insulation resistance 绝缘电阻	Measure to Apply DC250V. (Between terminal for reinforcing and the other terminals) DC250V 测试	100MΩ min. 不小于 100MΩ
3.6	Withstand voltage 耐电压	Apply A.C300V for 1min(Between terminal for reinforcing and the other terminals) A. C300V1 分钟	No damage. Arc and dielectric breakdown. 无损伤、电弧和电故障

4．Endurance　　4．耐久特性

Item 项目		Measuring condition 测试条件	Specifications 规格
4.1	Heat resistance 耐热特性	Temperature‥‥‥85±2℃ Time‥‥‥‥‥‥‥16 hours After that ， leave in ordinary temp and humidity for an hour. Then measure. 温度‥‥‥‥85±2℃ 时间‥‥‥‥‥16 小时 然后放置在常温和湿度下一个小时再测试。	Item 2.2 2.3 3.2 3.3 3.4 The same as the initial spec. 项目：2.2 2.3 3.2 3.3 3.4 同初始规格

Item 项目		Measuring condition 测试条件	Specifications 规格
4.2	Moisture resistance 耐湿特性	Temperature‥‥‥‥ 40±2℃ Humidity ‥‥‥‥ 90~95%Rh Time ‥‥‥‥ 96±4 hours After that ， leave in ordinary temp and humidity for an hour. Then measure. 温度‥‥‥‥ 40±2℃ 湿度‥‥‥‥ 90~95%Rh 时间‥‥‥‥ 96±4 小时 然后放置在常温和湿度下一个小时再测试。	The same as above. 同上
4.3	Low temperature resistance 耐寒特性	Temperature ‥‥‥ -20±3℃ Time ‥‥‥‥ 16±2 hours After that ， leave in ordinary temp and humidity for an hour. Then measure. 温度 ‥‥‥ -20±3℃ 时间‥‥‥‥ 16±2 小时 然后放置在常温和湿度下一个小时再测试。	The same as above. 同上
4.4	Slide life 滑动寿命	Operation times‥‥‥10,000T Reciprocate 10,000 times at a speed of 10～15 times reciprocation per minute with no-load in the ordinary temp and humidity. 操作次数‥‥‥10,000T 在常温、常湿, 无负载的情况下，以每分钟往复 10~15 次的速度进行 10,000 次	Item 2.2 2.3 3.3 3.4 The same as the initial spec. Item 3.2: △R≤25%R 项目 2.2 2.3 3.3 3.4: 同初始规格 项目 3.2: △R≤25%R

附图：
线性规律



设计	审核	批准
印 章	日期	

昌 炜

江苏国科新昌科技有限公司
JIANGSU GUOKE XINCHANG TECHNOLOGY CO.,LTD