

L-KLS4-CA14-N-V12.5-103-A-1010

(CA14 14MM TRIMMER POTENTIOMETERS)

应用	Application
☐ 此规格电位器适用于电子器材、加热和空气调节设备、温度调节装置、测量测试设备.	-This potentiometer is applied to electronic appliances, heating and air conditioning equipment and thermostats, measurement and test equipment.
☐ 汽车：调光器、湿度调节、灯光调节	-Automotive: dimmers, climate controls, lighting regulation

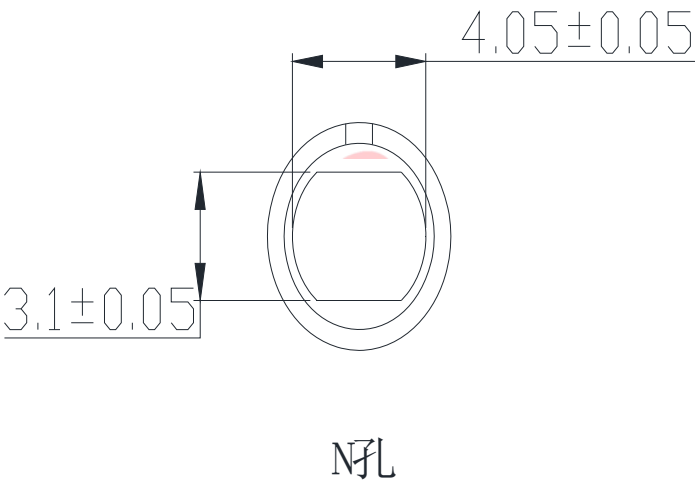
性能说明(常规) SPECIFICATIONS(standard features)

电气性能 ELECTRICAL SPECIFICATIONS	
阻值范围 Range of resistance values	
直线 A (Lin)	10K
指数 B(log), 对数 C(antilog)	
阻值误差 Tolerance	$100\ \Omega \leq R_n \leq 1\text{M}\ \Omega \cdots \pm 10\%$ $1\text{M}\ \Omega < R_n \leq 5\text{M}\ \Omega \cdots \pm 30\%$
耐电压 Max voltage at 40 °C	
Lin(A)	DC250V
No Lin(B,C)	DC200V
额定功率 Maximum power dissipation at 40 °C	
Lin(A)	0.25W
No Lin(B,C)	0.13W
阻值规律 Variation laws	Lin(A)
残留电阻 Residual resistance	$\leq 5\% R_n (2\ \Omega \text{ min})$
平滑性 Equivalent noise resistance	$\leq 3\% R_n (3\ \Omega \text{ min})$
正常工作温度 Operating temperature	-25℃~+70℃
焊接温度和时间	温度 temperature $\leq 265^{\circ}\text{C} \pm 5^{\circ}\text{C}$
Soldering temperature and time	时间 times $\leq 2\text{second}$

机械性能 MECHANICAL SPECIFICATIONS	
电阻成分 Resistive element	Carbon technology
机械旋转角度 Mechanical rotation angle	265° ±5°
电气旋转角度 Electrical rotation angle	245° ±20°
定位 Wiper position	Middle position:50%±15°
转子最大拉拔力 Max. push/pull on rotor	50N
旋转力矩 Wiper torque	<2.5Ncm (0.5...3.5 Ncm for pots. with detents)
止档力矩 Stop torque	≤10Ncm
机械寿命 Mechanical life	10000cycles (10,000cycles for pots. with detents)

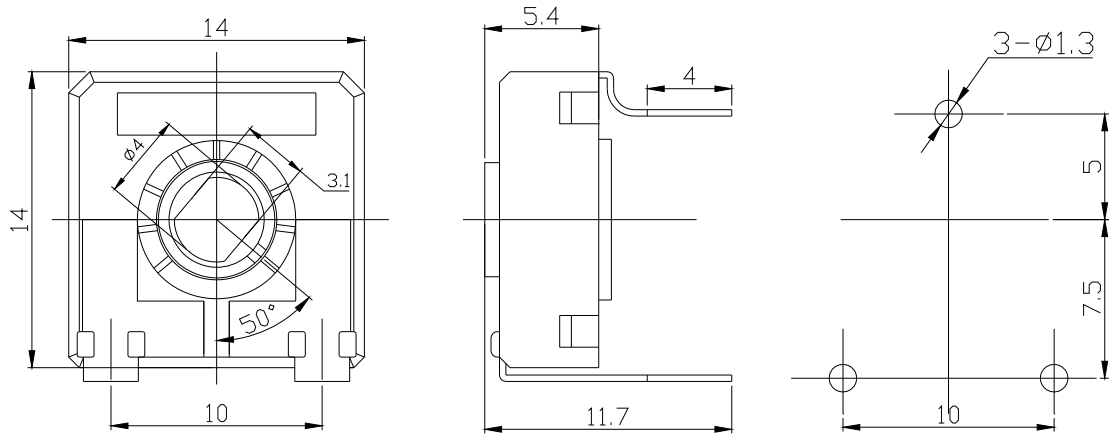
外形图及安装尺寸 OUTLINE DRAWING AND MOUNTING HOLE DETAIL

ROTORS(孔的形式)



V=Horizontal mount/Vertical adjust 卧式—垂直调节

V=12.5



SHAFT(轴)

