L-KLS4-CA14-N-V12.5-10K-A-2020

(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
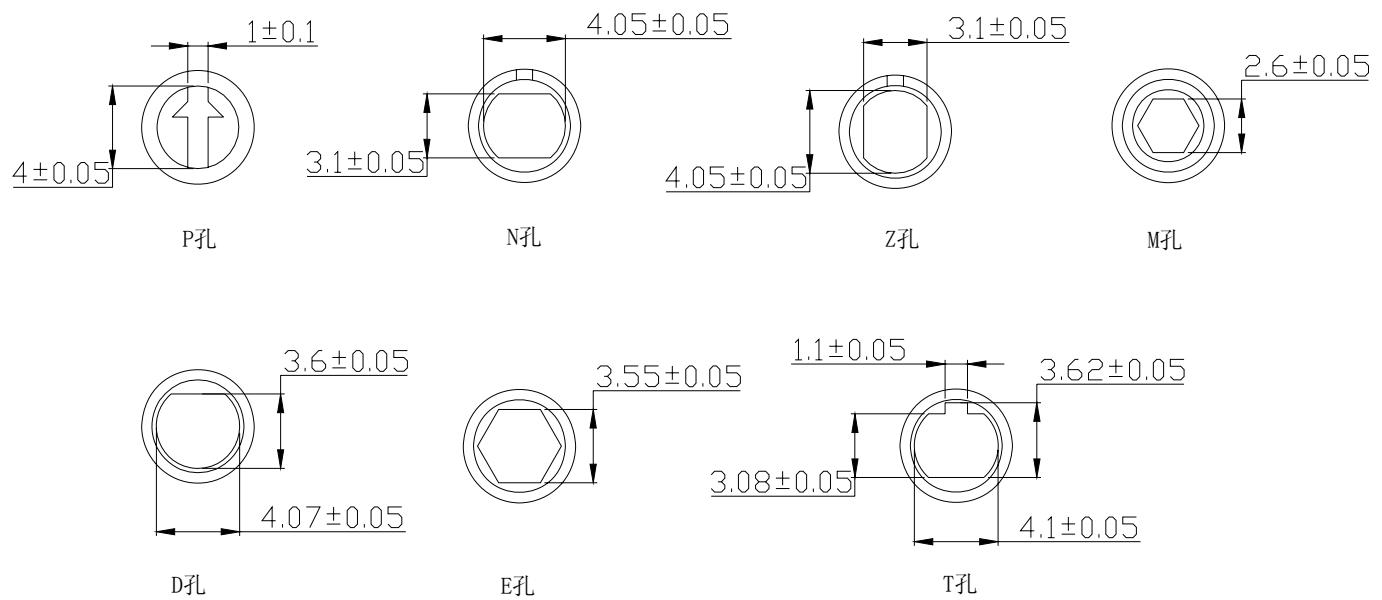
阻值范围　Range of resistance values	
直线 A（Lin）	$100\,\Omega \leqslant Rn \leqslant 5M\,\Omega$
指数 B(log)，对数 C(antilog)	$1K\,\Omega \leqslant Rn \leqslant 2.2M\,\Omega$
阻值误差 Tolerance	$100\,\Omega \leqslant Rn \leqslant 1M\,\Omega \cdots \pm 20\%$ $1M\,\Omega < Rn \leqslant 5M\,\Omega \cdots\ \pm 30\%$
耐电压 Max voltage at 40 ºC	
Lin(A)	DC250V
No Lin(B,C)	DC200V
额定功率 Maximum power disspitation at 40 ºC	
Lin(A)	0.25W
No Lin(B,C)	0.13W
阻值规律 Variation laws	Lin(A)、Log(B)、Antilog(C)
残留电阻 Residual resistance	$\leqslant 5‰Rn(2\,\Omega\ min)$
平滑性 Equivalent noise resistance	$\leqslant 3\%Rn(3\,\Omega\ min)$
正常工作温度　Operating temperature	-25℃～+70℃
焊接温度和时间 Soldering temperature and time	温度 temperature≤265ºC±5ºC 时间 time≤2second

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	1000cycles (10,000cycles for pots. with detents)
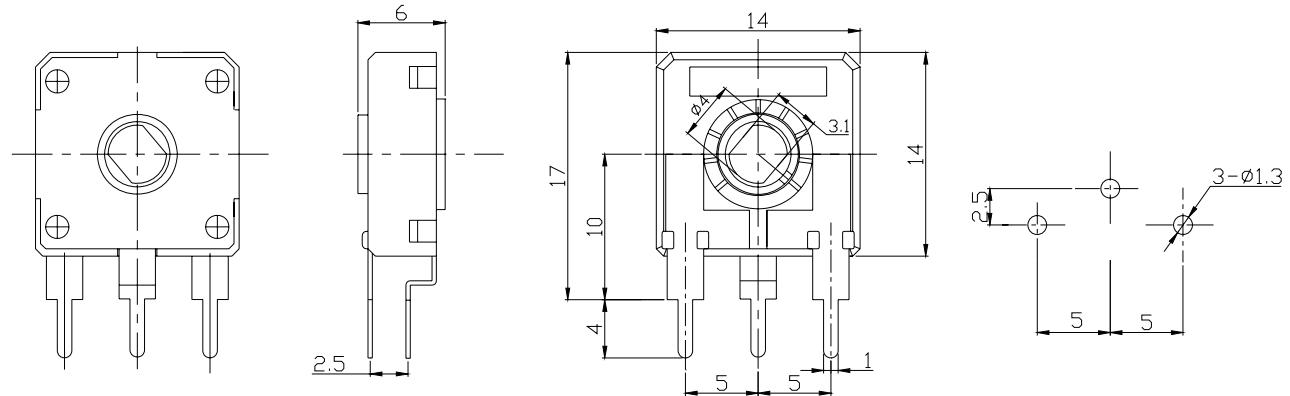
## 外形图及安装尺寸 OUTLINE DRAWING AND MOUNTING HOLE DETAIL

ROTORS(孔的形式)

P孔　　　　N孔　　　　Z孔　　　　M孔

D孔　　　　E孔　　　　T孔
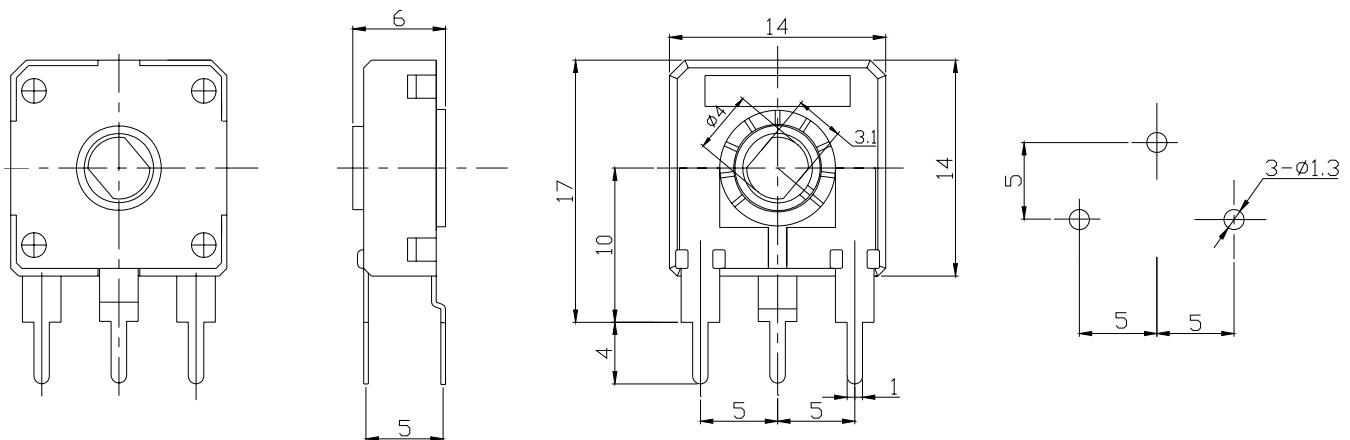
h=Vertical mount/Horizontall adjust　立式－水平调节
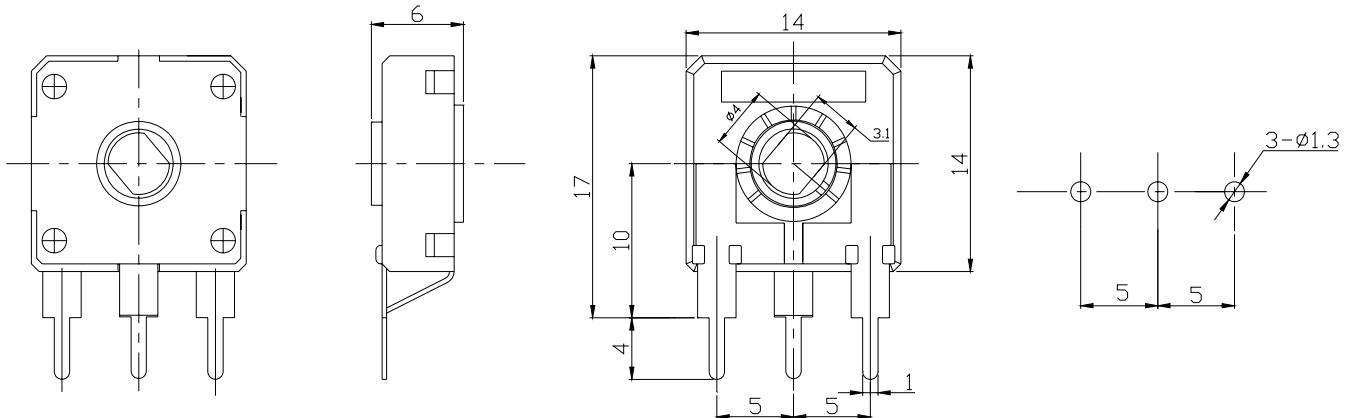
**h=2.5**

h=5
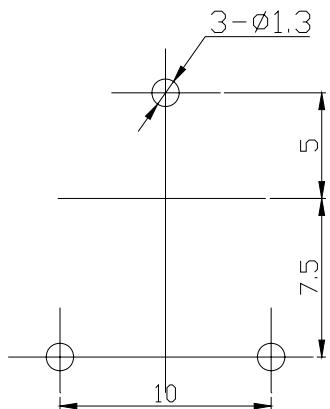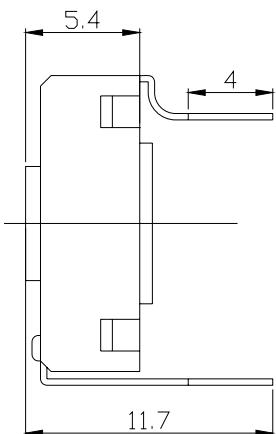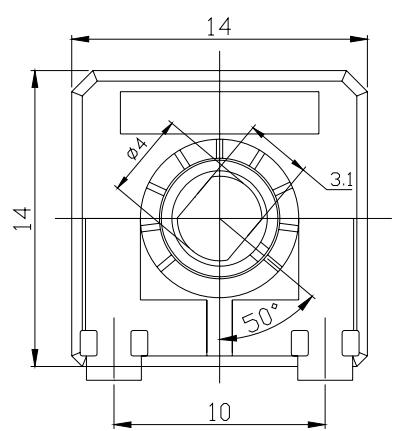
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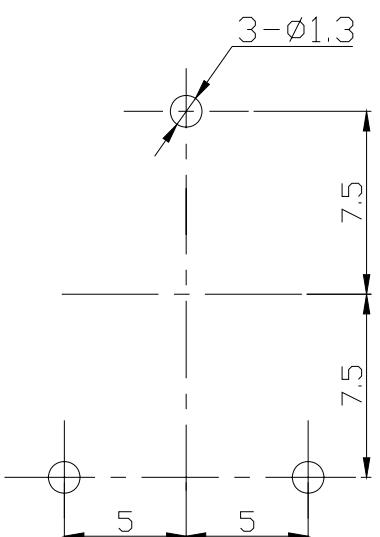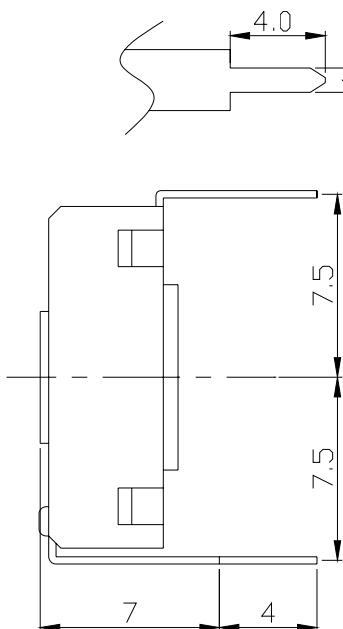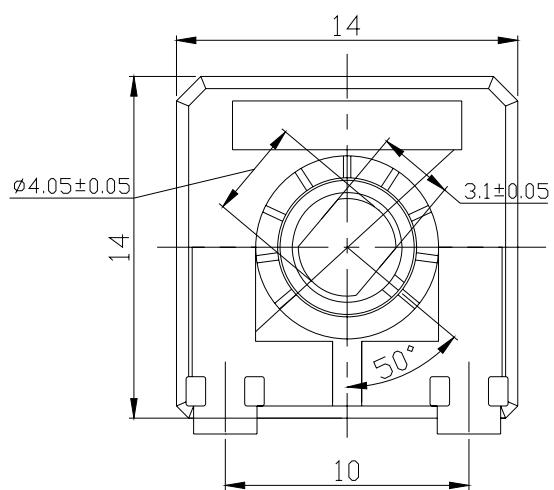
V=Horizontal mount/Vertical adjust　卧式－垂直调节

V=12.5

V=15

SHAFT(现有轴)

NO.01

NO.02

圆周23个齿