

(CA9 10MM TRIMMER POTENTIOMETERS)**Application**

appliances, heating and air conditioning

equipment and thermostats, measurement and test
equipment, multimedia.**SPECIFICATIONS(standard features)**

-KLS PN

L-KLS4-CA9-M-H2.5-503-A-2020

-This potentiometer is applied to electronic

regulation

ELECTRICAL SPECIFICATIONS

Range of resistance values	
A (Lin)	$100\Omega \leq R_n \leq 5M\Omega$
B(log), C(antilog)	$1K\Omega \leq R_n \leq 2.2M\Omega$
Tolerance	$100\Omega \leq R_n \leq 1M\Omega \cdots \pm 20\%$ $1M\Omega < R_n \leq 5M\Omega \cdots \pm 30\%$
耐电压 Max voltage at 40 °C	
Lin(A)	DC200V
No Lin(B,C)	DC150V
Maximum power dissipation at 40 °C	
Lin(A)	0.15W
No Lin(B,C)	0.10W
Variation laws	Log(B)
Residual resistance	$\leq 5\% R_n (2\Omega \text{ min})$
Equivalent noise resistance	$\leq 3\% R_n (3\Omega \text{ min})$
Operating temperature	-25°C ~ +70°C
Soldering temperature and time	temperature $\leq 265^\circ\text{C} \pm 5^\circ\text{C}$ time $\leq 5\text{second}$

MECHANICAL SPECIFICATIONS

Resistive element	Carbon technology
Mechanical rotation angle	$240^\circ \pm 5^\circ$
Electrical rotation angle	$220^\circ \pm 20^\circ$

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Wiper position	Middle position:50%±15°
Max. push/pull on rotor	40N
Wiper torque	<2Ncm (0.4...3.5 Ncm for pots. with detents)
Stop torque	≤5Ncm
Mechanical life	10000cycles (up to 10,000 cycles for pots. With detents)

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

H (2.5)

