

Potentiometer

Cermet Potentiometer Series

KLS4-3323 Cermet Potentiometer Series

Electrical Characteristics

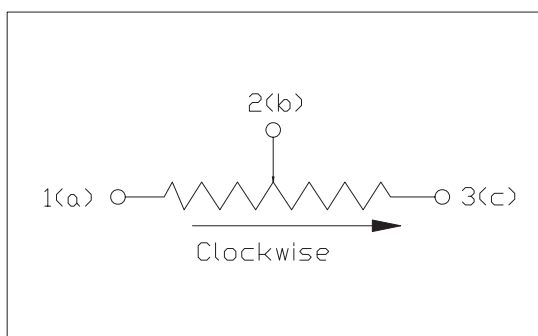
Standard Resistance Range: $10\Omega \sim 2M\Omega$
Resistance Tolerance: $\pm 10\%$
Terminal Resistance: $\leq 1\% R$ or 2Ω Max.
Contact resistance variation: $CRV \leq 3\% R$ or 3Ω Max
Insulation Resistance: $R_i \geq 1G\Omega$
Withstand Voltage: $101.3kPa$ $500V$, $8.5kPa$ $315V$
Electrical Travel: $210^\circ \pm 10$

Environment Characteristics

Power Rating (250 volts max.): $+70^\circ C$ $0.5W$, $+125^\circ C$ $0W$
Temperature Range: $-55^\circ C \sim +125^\circ C$
Temperature Coefficient: $\pm 250ppm/^\circ C$; $\pm 100ppm/^\circ C$
Temperature Variation: $\Delta R \leq \pm 2\% R$, $\Delta(Uab / Uac) \leq \pm 1\%$
Vibration: $390m/s^2$, 4000 times $\Delta R \leq \pm 1\% R$
Collision: $10 \sim 500Hz$, $0.75mm$, or $98m/s^2$, 6h, $\Delta R \leq \pm 1\% R$, $\Delta(Uab / Uac) \leq 2\%$
Climate Category: $\Delta R \leq \pm 3\% R$, $R_i \geq 100M\Omega$
Electrical Endurance at $70^\circ C$: $0.5W$, 1000h, $\Delta R \leq \pm 3\% R$
Mechanical Endurance: 200cycles, $\Delta R \leq \pm 3\% R$
Steady Damp-Heat: $\Delta R \leq \pm 3\% R$, $R_i \geq 100M\Omega$

Physical Characteristics

Total mechanical travel: $250^\circ \pm 10$
Starting torque: $\leq 35mN.m$
Standard packaging: 50pcs/tube



Resistance (Ω)	Code
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10	100
20	200
50	500
100	101
200	201
500	501
1000	102
2000	202
10000	103
20000	203
50000	503
100000	104
200000	204
500000	504
1000000	105
2000000	205

ORDER INFORMATION

Product NO.: KLS4-3323 P-103

Pos. NO.

103:Resistance Code

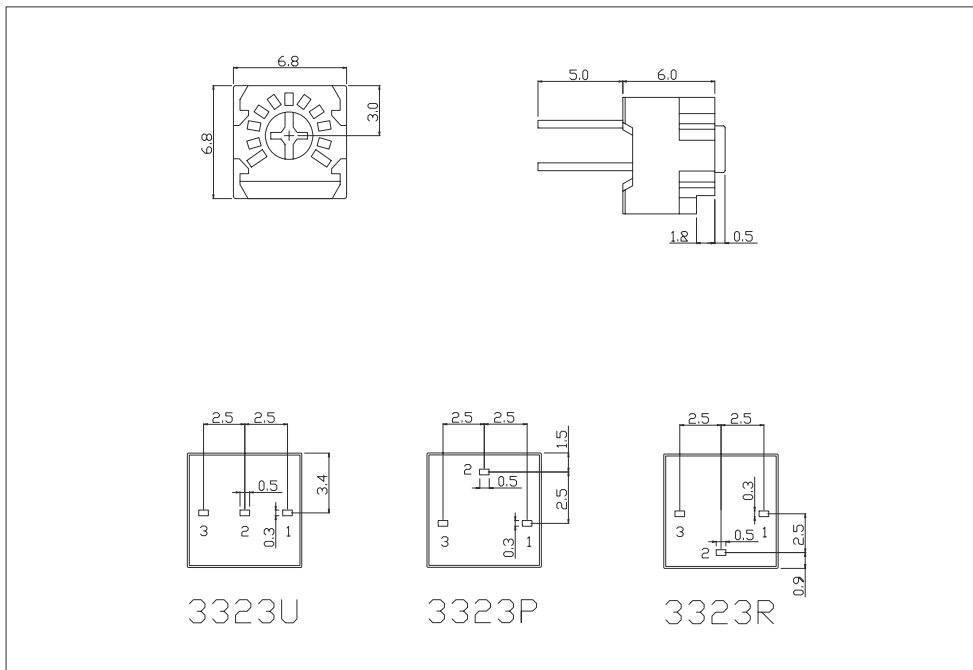
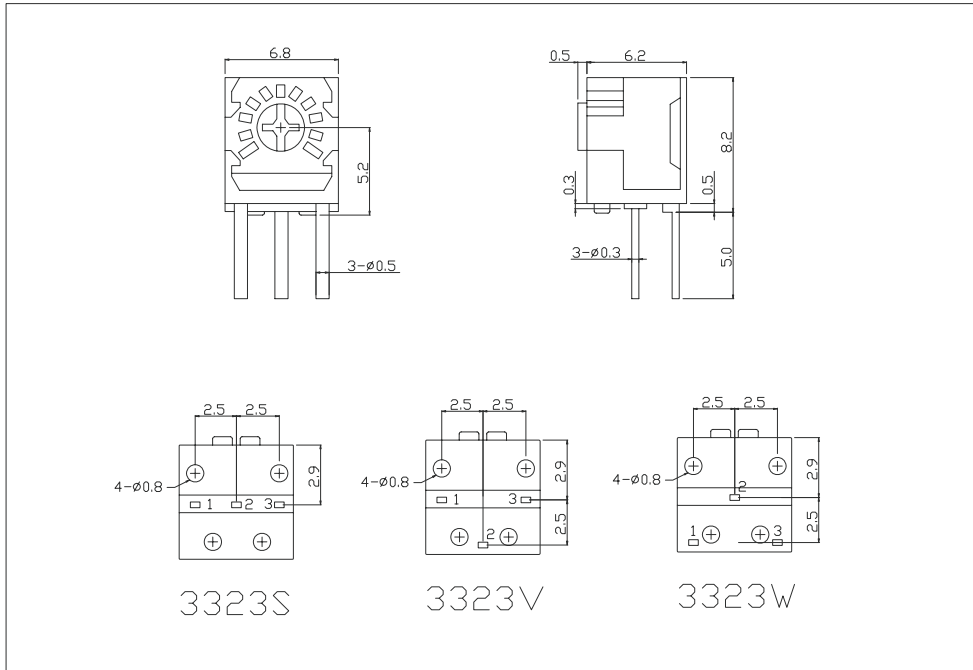
3323:Model

P:Style

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IV



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Product NO.: KLS4-3323 P-103

Pos. NO. _____ 103:Resistance Code
3323:Model _____ P:Style