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3299Y Series Trimming Potentiometer

★Electrical Characteristics

Range of normal resistance : 10Ω — $5M\Omega$

Resistance tolerance : $\pm 10\%$

Terminal resistance : $\leq 1\%R$ or 2Ω

Contact resistance variation : $CRV \leq 1\%R$ or 3Ω

Withstand Voltage : $101.3kPa$ $600V$, $8.5kPa$ $315V$

Insulation resistance : $R1 \geq 1G\Omega$ ($100Vac$)

Effective electrical travel: 30 ± 2 cycles

★Environment Characteristics

Rated Power: $0.5W$ ($300V$ max)

Temperature range : $-55^{\circ}C \sim +125^{\circ}C$ TCR : $\pm 200ppm/^{\circ}C$ $\pm 250ppm/^{\circ}C$ $\pm 100ppm/^{\circ}C$

Temperature variation : $\Delta R \leq \pm 2\%R$, $\Delta U_{ab}/U_{ac} \leq \pm 1\%R$

Electrical endurance at $70^{\circ}C$: $0.5W$, $1000h$ $\Delta R \leq \pm 3\%R$

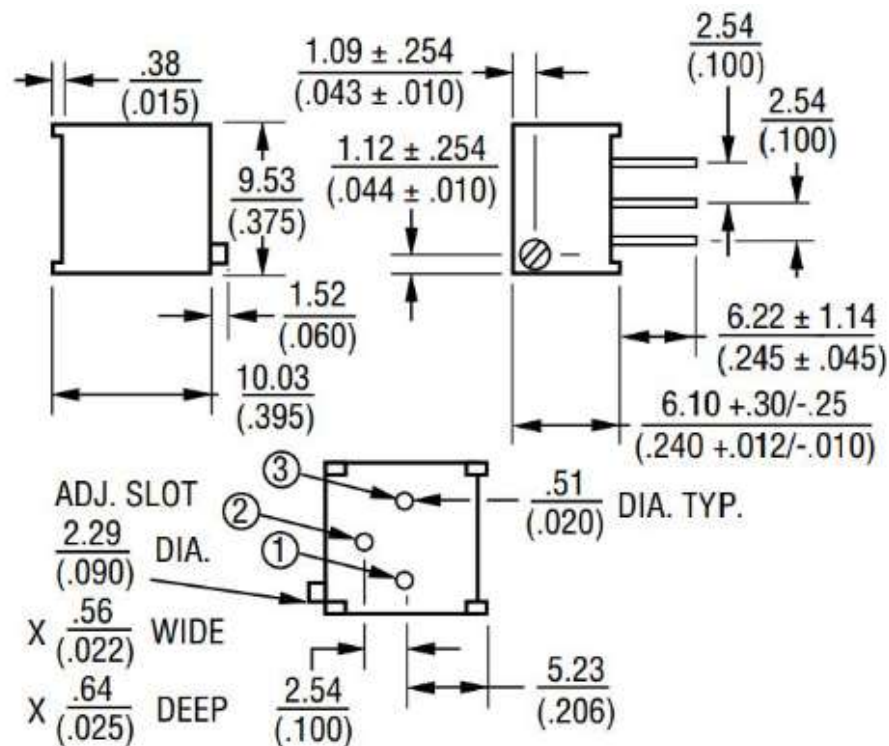
★Physical Characteristics

Mechanical Endurance: 200 cycles, $\Delta R \leq \pm 10\%R$

Steady damp-heat : $\Delta R \leq \pm 3\%R$, $R1 \geq 100M\Omega$

Total Mechanical Travel: 30 ± 2 cycles

Starting Torque : $\leq 36mN.m$



3299Y

