



Specification For Approval

Customer Name : _____

RHT P/N : 3296

Description : _____

Date 2026-10-9

Approved by
Sign : date :
Please return by one copy

Design: Pan Checked: Andy Approved: Feng

Address:Maoshan Industrial Park, Huajiafen Village, Jiangshan Town,

Yinzhou District Ningbo City, Zhejiang,POSTAL:315193

Tel:086-574-56176016 M:0086-15168501684

E-mail:info@rhitecp.com Web:www.rhitecp.com www.rhtconn.com

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 5Ω Max Insulation

Resistance: $R_1 \geq 1G\Omega$

Withstand Voltage: $101.3kPa$ $600V$, $8.5kPa$ $360V$

Wiper Current Max.: $100mA$

Electrical Travel: 30 ± 2 turns nom

Environment Characteristics

Power Rating (300 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, $\Delta R \leq \pm 1\%$, $R \Delta(Uab / UAC) \leq \pm 2\%$ Climate

Category: $\Delta R \leq \pm 3\% R$, $R_1 \geq 100M\Omega$

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

Mechanical Endurance: 200cycles, $\Delta R \leq \pm 10\% R$, $CRV \leq 3\% R$ or 5Ω Steady

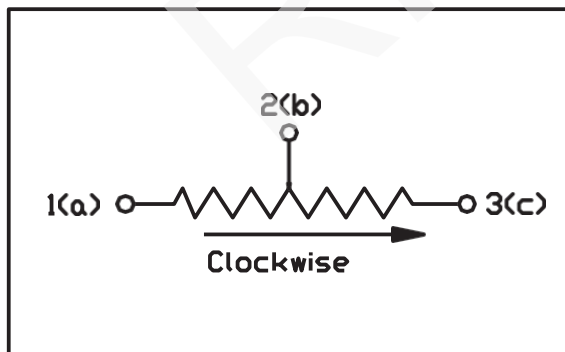
Damp-Heat: $\Delta R \leq \pm 3\% R$, $R_1 \geq 100M\Omega$

Physical Characteristics

Total mechanical travel: 30 ± 2 turns nom Staring

torque: $\leq 35mN.m$

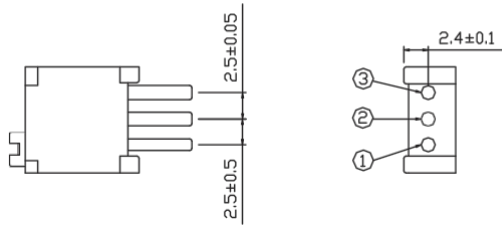
Standard packaging: 50pcs/tube



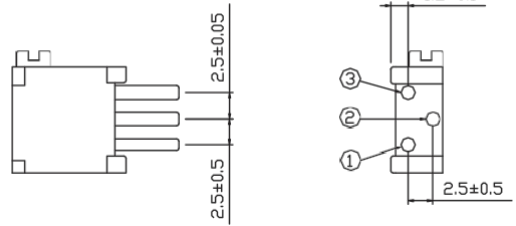
Resistance (Ω)	Code
10	100
20	200
50	500
100	101
200	201
500	501
1000	102
2000	202
10000	103
20000	203
50000	503
100000	104
200000	204
500000	504
1000000	105
2000000	205

3296 Cermet Potentiometer Series

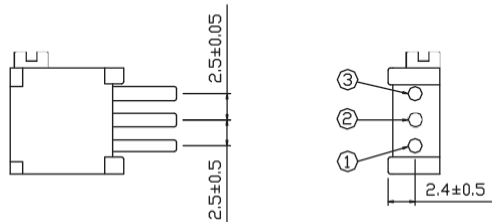
3296W



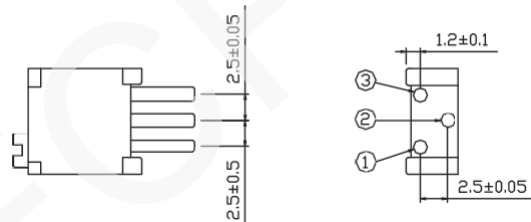
3296Z



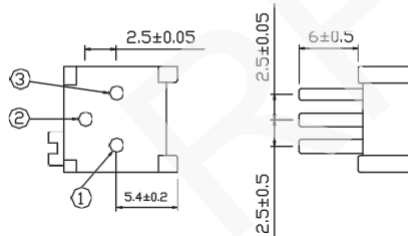
3296X



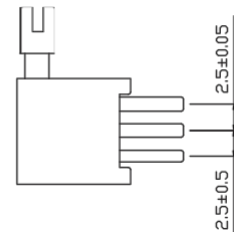
3296Y



3296P



3296A



3296W-B

