

9501HP 9501VH Trimpot Trimming Potentiometer



Electrical Characteristics

Range of resistance

50Ω~2MΩ

Resistance tolerance

±10 %

Terminal resistance

≤1%R 10Ω

Contact resistance variation

CRV≤3%

Insulation resistance

R1≥1GΩ

Withstand voltage

600Vdc

Effective Electrical

>70% of total mechanical travel

Environment Characteristics

Rated power (200V max)

0.5W @ 85°C, 0W @ 125°C

Temperature range

-55°C~+100°C

TCR

±500×10⁻⁶ /°C

Temperature variation

-55°C, 30min, +125°C, 30min

3cycles

ΔR≤5%R, Δ(Uab/Uac)≤10%

Collision

100m/s², 16ms, 1000cycles

ΔR≤2%R Δ(Uab/Uac)≤10%

Electrical load at 85°C

0.5W, 96h

ΔR≤10%R, Δ(Uab/Uac)≤10%

Mechanical wear-resistance

100cycles

ΔR≤10%R

Constant damp-heat

40±2°C, 87-92%R.H. 96h

ΔR≤5%R, R1≥10MΩ

Physical Characteristics

Total mechanical travel

angle 300±10°

Starting torque≤35mN.m

Mark

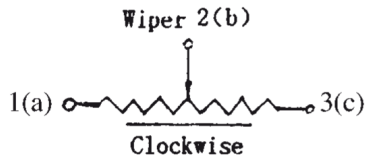
(10%)

Resistance code, resistance tolerance

(±10% no indication), Type

Standard package

50pcs/tube

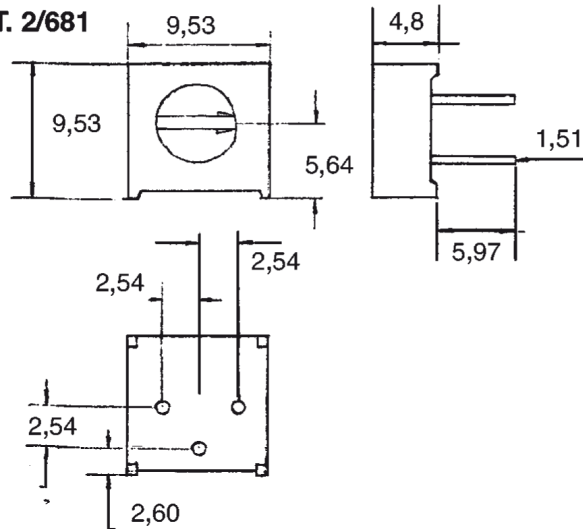


Standard Resistance Table

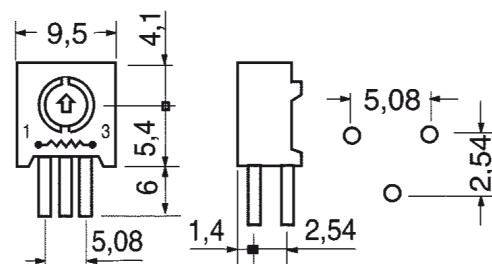
Resistance (Ω)	Resistance Code
50	500
100	101
200	201
500	501
1,000	102
2,000	202
5,000	502
10,000	103
20,000	203
50,000	503
100,000	104
200,000	204
500,000	504
1,000,000	105
2,000,000	205

Dimensions

ART. 2/681



ART. 2/711



Tolerance is ±0.25, if no identification