

FEATURE

- 6mm / Square
- Cermet / Industrial / Sealed
- 6 Terminal Styles (P, R, U; S, V, W)

ELECTRICAL CHARACTERISTICS

Standard Resistance Range	100 to 2 megohms (see standard resistance table)
Resistance Tolerance	± 10%, ± 20%std. (tighter tolerance available)
Absolute Minimum Resistance	1% or 2 ohms max. (whichever is greater)
Contact Resistance Variation	3% or 3 ohms max. (whichever is greater)
Adjustability	Voltage ± 0.05% Resistance ± 0.15%
Resolution	Infinite
Insulation Resistance	500 Vdc 1,000 megohms min.
Dielectric Strength	101.3 kPa 500 Vac; 8.5 kPa 315 Vac
Adjustment Angle	210 ° nom.

ENVIRONMENTAL CHARACTERISTICS

Power Rating (250 volts max.)	0.5 watt (70 °), 0 watt (125 °)
Temperature Range	-55 ° to +125 °
Temperature Coefficient	± 100ppm/°C
Vibration(10 to 2,000Hz)	98 m/s ² (1% Δ TR; 2% Δ VR)
Shock	390m/s ² (1% Δ TR; 2% Δ VR)
Load Life	1,000 hours 0.5 watt @ 70 ° (3% Δ TR; 4% or 4 ohms, whichever is greater, CRV)
Rotational Life	200 cycles (3% Δ TR; 4% or 4 ohms, whichever is greater, CRV)

PHYSICAL CHARACTERISTICS

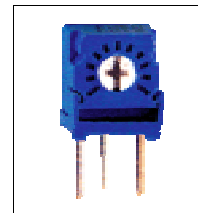
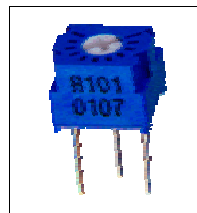
Mechanical Angle	250 ° nom.
Torque	20mN · m max.
Stop Strength	50mN · m min.
Terminals	Solderable pins
Standard Packaging	50 pcs. per tube

STANDARD RESISTANCE TABLE

Resistance (Ohms)	Resistance Code	Resistance (Ohms)	Resistance Code
10	100	25,000	253
100	101	50,000	503
200	201	100,000	104
500	501	200,000	204
1,000	102	250,000	254
2,000	202	500,000	504
5,000	502	1,000,000	105
10,000	103	2,000,000	205
20,000	203		

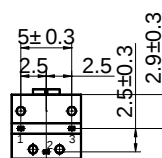
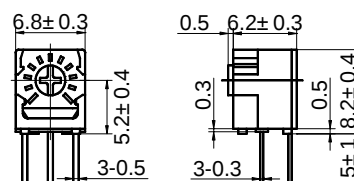
Special resistance available

HOW TO ORDER

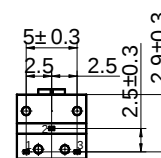


OUTLINE DIMENSIONS

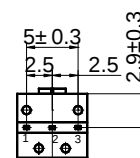
Common Dimensions
Side Adjust



56S

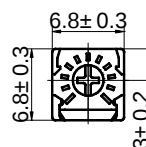


56W

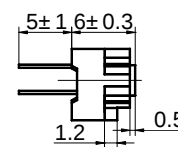


56V

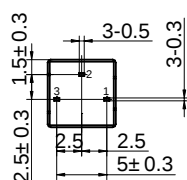
Common Dimensions
Top Adjust



56P



56U



56R

Unit: mm Tolerance: ± 0.25 if not specified

