

Features

- 9mm Multiturn Square
- Cermet / Industrial / Sealed
- 5 Terminals types (W / X / P / Y / Z)
- Available with a knob for finger adjust

Electrical Characteristics

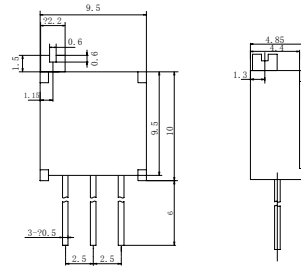
Standard Resistance Range
 10 to 5 Megohms
 (see standard resistance table)
 Resistance Tolerance
 ± 10% std.
 (tighter tolerance available)
 Absolute Minimum Resistance
 1% or 2 ohms max.
 (whichever is greater)
 Contact Resistance Variation
 3% or 3 ohms max.
 (whichever is greater)
 Adjustability
 Voltage ± 0.01%
 Resistance ± 0.05%
 Resolution: Infinite
 Insulation Resistance
 500 vdc
 1,000 Megohms min.
 Dielectric Strength
 101.3 kPa 600 vac
 8.5 kPa 360vac
 Effective Travel: 25turns nom

Environmental Characteristics

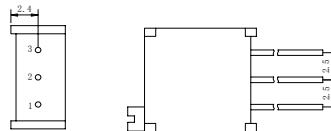
Power Rating (300 volts max.)
 0.5 watt (70°C) , 0 watt (125°C)
 Temperature Range
 -55°C to +125°C
 Temperature Coefficient
 ± 100ppm/°C
 Vibration
 98 m/s²
 (1% Δ TR; 1% Δ VR)
 Shock
 390 m/s²
 (1% Δ TR; 1% Δ VR)
 Load Life
 1,000 hours 0.5 watt @ 70°C
 (3% Δ TR; 4% or 4 ohm, whichever is greater , CRV)
 Rotational Life: 200 cycles
 (3% Δ TR; 4% or 4 ohm)

Physical Characteristics

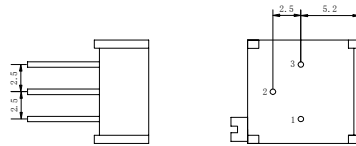
Torque
 36 mN • m max.
 Mechanical Stops
 Wiper idles
 Terminals
 Solderable pins
 Standard Packaging
 50pcs.per tube



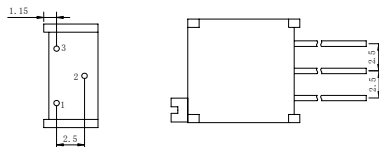
WIW3296W



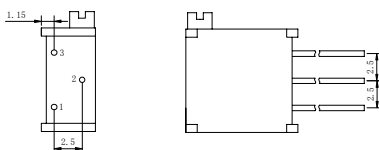
WIW3296X



WIW3296P



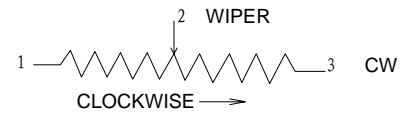
WIW3296Y



WIW3296Z

How to order

WIW3296—W—102
Model _____
Style _____
Resistance code _____



Standard Resistance Table

Resistance (Ohms)	Resistance Code
10	100
20	200
50	500
100	101
200	201
500	501
1000	102
2,000	202
5,000	502
10,000	103
20,000	203
25,000	253
50,000	503
100,000	104
200,000	204
250,000	254
500, 000	504
1, 000, 000	105
2, 000, 000	205
5, 000, 000	505

Special resistance available
 TCR of shaded areas ± 250ppm/°C
 Detail Specification: Q/R Y256-2000
 Detail Mil-Spec: Q/R Y20021-2000