

Features

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

Electrical Characteristics

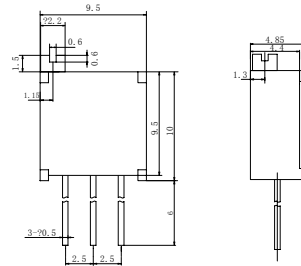
Standard Resistance Range
 10 to 5 Megohms
 (see standard resistance table)
 Resistance Tolerance
 ± 10% std.
 (tighter tolerance available)
 Absolute Minimum Resistance
 1% or 2 ohms max.
 (whichever is greater)
 Contact Resistance Variation
 3% or 3 ohms max.
 (whichever is greater)
 Adjustability
 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

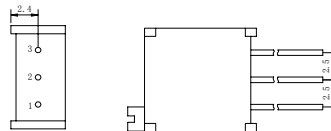
Power Rating (300 volts max.)
 0.5 watt (70°C) , 0 watt (125°C)
 Temperature Range
 -55°C to +125°C
 Temperature Coefficient
 ± 100ppm/°C
 Vibration
 98 m/s²
 (1% Δ TR; 1% Δ VR)
 Shock
 390 m/s²
 (1% Δ TR; 1% Δ VR)
 Load Life
 1,000 hours 0.5 watt @ 70°C
 (3% Δ TR; 4% or 4 ohm, whichever is greater ,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

Physical Characteristics

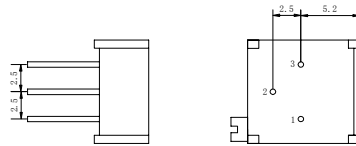
Torque
 36 mN • m max.
 Mechanical Stops
 Wiper idles
 Terminals
 Solderable pins
 Standard Packaging
 50pcs.per tube



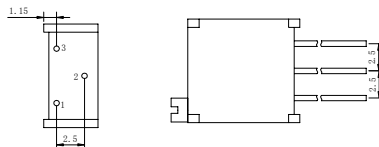
WIW3296W



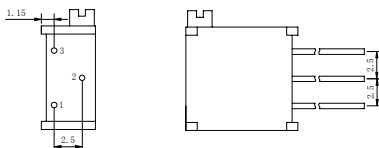
WIW3296X



WIW3296P



WIW3296Y



WIW3296Z

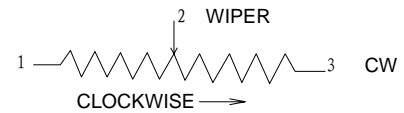
How to order

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