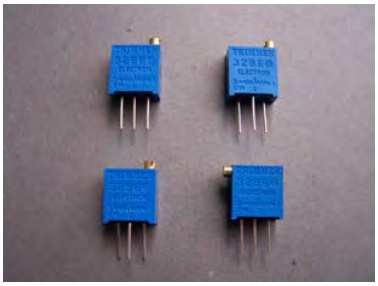
WIW1029 (3296) Trimmer Potentiometer



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

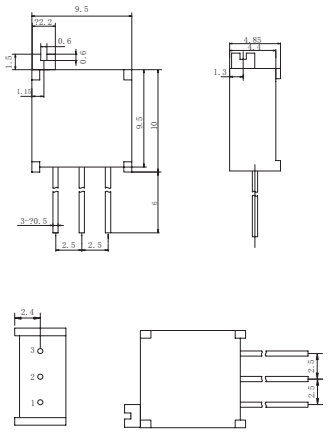
Environmental Characteristics

Power Rating (300 volts max.)
0.5 watt (70℃) , 0 watt (125℃)
Temperature Range
-55℃ to +125℃
Temperature Coefficient
±100ppm/℃
Vibration
98 m/s^2
(1% ΔTR; 1% ΔVR)
Shock
390 m/s^2
(1% ΔTR; 1% ΔVR)
Load Life
1,000 hours 0.5 watt @ 70℃
(3% ΔTR; 4% or 4 ohm, whichever is greater , CRV)
Rotational Life: 200 cycles
(3% ΔTR; 4% or 4 ohm)

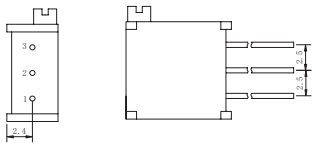
Physical Characteristics

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

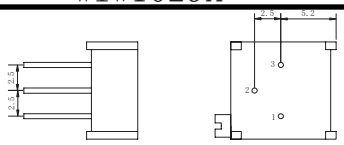
Style Code



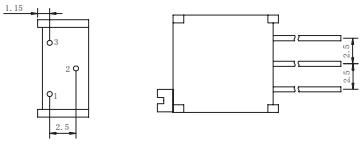
WIW1029W



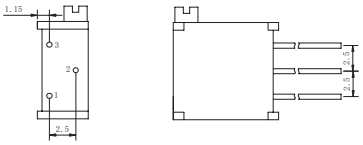
WIW1029X



WIW1029P



WIW1029Y

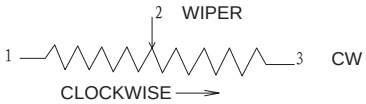


WIW1029Z

How to order

WIW1029—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/℃
Detail Specification: Q/RY256-2000
Detail Mil-Spec：Q/RY20021-2000