

# WIW3296 -T rimmer™

## 9mm Square Trimming potentiometer

### Features

- Multiturn / Cermet / Industrial / Sealed
- 5 terminal styles (W, X, P, Y, Z)
- Available with a knob for finger adjust

Trimmer™



### Electrical Characteristics

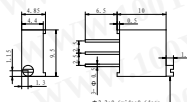
Standard Resistance Range  
10 to 5 megohms  
(see standard resistance table)  
Resistance Tolerance  
± 10% std.  
(tighter tolerance available)  
Absolute Minimum Resistance  
1% or 2 ohms max.  
(whichever is greater)  
Contact Resistance Variation  
3% or 3 ohms max.  
(whichever is greater)  
Adjustability  
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 360 vac  
Effective Travel  
25 turns 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  
490 m/s²  
(1% Δ TR; 1% Δ VR)  
Load Life  
1,000 hours 0.5 watt @ 70°C  
(3% Δ TR; 3% or 3 ohm,  
whichever is greater, CRV)  
Rotational Life  
200 cycles  
(3% Δ TR; 3% or 3 ohm,  
whichever is greater, CRV)

### Physical Characteristics

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



Common Dimensions



WIW3296W fig.



WIW3296X fig.



WIW3296P fig.



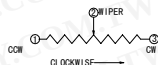
WIW3296Y fig.



WIW3296Z fig.

### How to order

WIW3296 -W-102  
Model  
Style  
Resistance Code



### Standard Resistance Table

| Resistance (Ohm%) | Resistance Code |
|-------------------|-----------------|
| 10                | 100             |
| 20                | 200             |
| 50                | 500             |
| 100               | 101             |
| 200               | 201             |
| 500               | 501             |
| 1,000             | 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

勝特力材料 886-3-5753170  
勝特力电子(上海) 86-21-54151736  
勝特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)