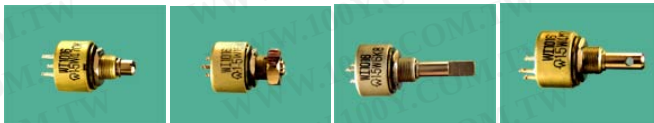


勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-54151736
 勝特力电子(深圳) 86-755-83298787

[Http://www.100y.com.tw](http://www.100y.com.tw)

WI1016-T rimmer™

Round Rotary potentiometer



Electrical Characteristics

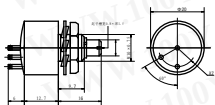
Standard Resistance Range
 100 to 5 megohms
 (see standard resistance table)
 Resistance Tolerance
 $\pm 20\%$ or $\pm 10\%$
 (tighter tolerance available)
 Absolute Minimum Resistance
 1% or 10 ohms max.
 (whichever is greater)
 Contact Resistance Variation
 2% or 5 ohms max.
 (whichever is greater)
 Adjustability
 Voltage $\pm 0.05\%$
 Resistance $\pm 0.15\%$
 Resolution
 Infinite
 Insulation Resistance
 500 vdc
 1,000 megohms min.
 Dielectric Strength
 101.3 kPa 800 vac
 8.5 kPa 500 vac
 Adjustment Angle
 225° nom.

Environmental Characteristics

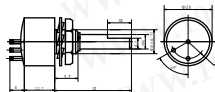
Power Rating (500 volts max.)
 1.5 watt (70°C), 0 watt (125°C)
 Temperature Range
 -55°C to +125°C
 Temperature Coefficient
 $\pm 250\text{ppm}/^\circ\text{C}$ or $\pm 100\text{ppm}/^\circ\text{C}$
 Vibration
 98 m/s²
 (2% Δ TR; 2% Δ VR)
 Shock
 490 m/s²
 (2% Δ TR; 2% Δ VR)
 Load Life
 1,000 hours 1.5 watt @ 70°C
 (10% Δ TR; 6% or 6 ohms, whichever is greater, CRV)
 Rotational Life
 10,000 cycles
 (10% Δ TR; 6% or 6 ohms, whichever is greater, CRV)

Physical Characteristics

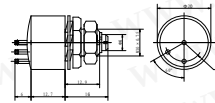
Mechanical Angle
 260° nom.
 Torque
 50 mN • m max.
 Snap Strength
 350 mN • m min.



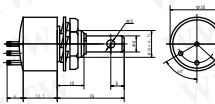
WI1016-1-101fig.



WI1016-1-321fig.

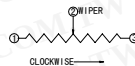
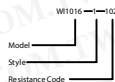


WI1016-21fig.



WI1016-31fig.

How to order



Standard Resistance Table

Resistance (Ohms)	Resistance Code
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