

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

WI11

TRIMMER WI11 單圈圓型玻璃釉微調電位器



WI11-Trimmer®

Round Trimming potentiometer

Features

Single Turn / Cermet / Industrial / Sealed

3 standard terminal styles

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Electrical Characteristics

Standard Resistance Range	50 to 5 megohms (see standard resistance table)
Resistance Tolerance	±20% or ±10% std. (tighter tolerance available)
Absolute Minimum Resistance	1% or 2 ohms max. (whichever is greater)
Contact Resistance Variation	4% or 4 ohms max. (whichever is greater)
Resolution	Infinite
Insulation Resistance	500 vdc 1,000 megohms min.
Dielectric Strength	101.3 kPa 1000 vac 8.5 kPa 350 vac
Adjustment Angle	250° nom

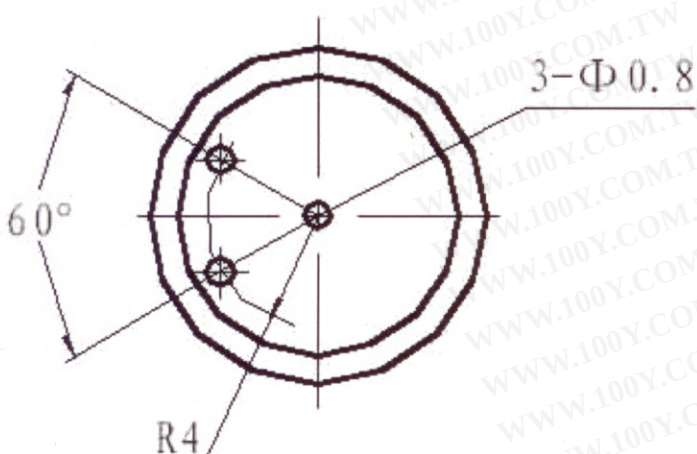
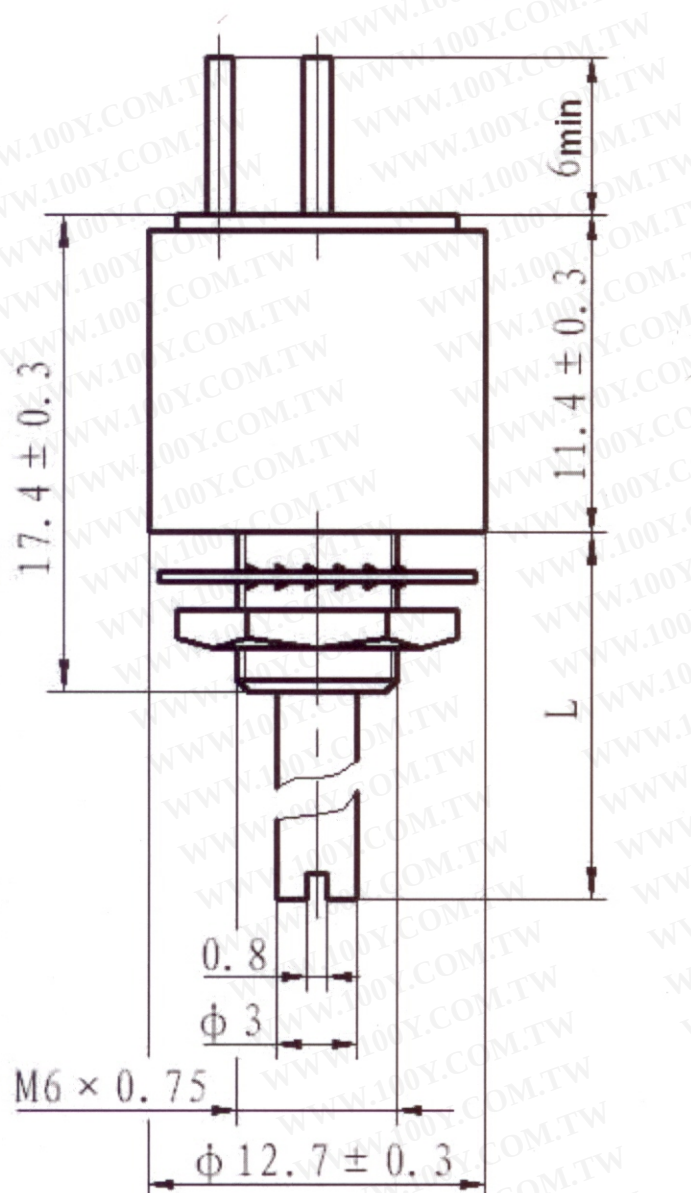
Environmental Characteristics

Power Rating (250 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/s ² (2%Δ TR; 2%Δ VR)
Shock	390 m/s ² (2%Δ TR; 2%Δ VR)
Load Life	1,000 hours 0.5 watt @ 70°C (5%Δ TR; 8% or 8 ohms, Whichever is greater, CRV)
Rotational Life	1000 cycles (5%Δ TR; 8% or 8 ohms, Whichever is greater, CRV)

Physical Characteristics

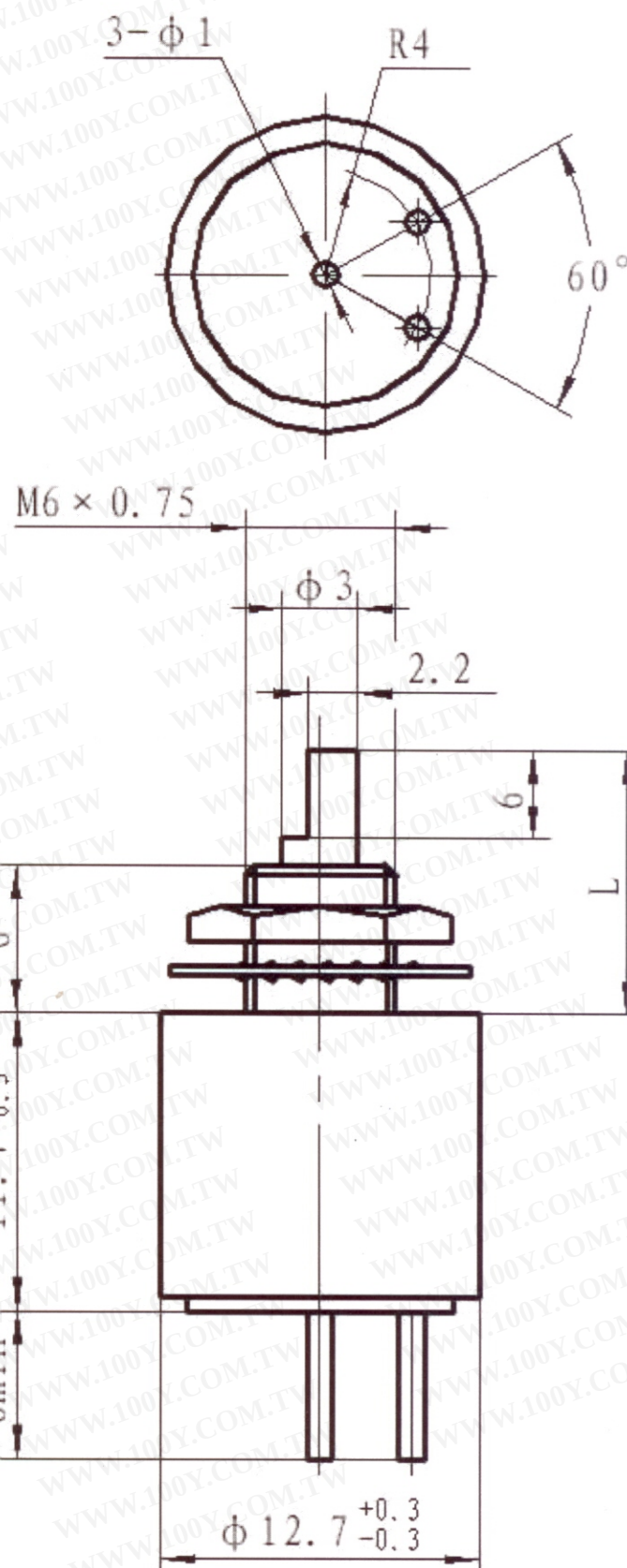
Mechanical Angle	280° nom.
Torque	80 mN · m max.
Stop Strength	150 mN · m min.

WI11-1-3 fig.



L					
9	12	16	20	25	32

WI11-1-5 fig.

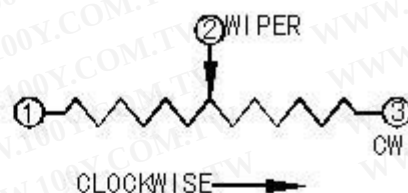


L					
12	16	20	25	32	

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How to order

Model WIII 1 102
 Style _____
 Resistance Code _____



standard Resistance Table

Resistance (Ohms)	Resistance Code
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
3,000,000	305
4,000,000	405
5,000,000	505

Special resistance available

Detail Specification: QRY509-2002

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W111-1



W111-2



W111-F4



W111-FK

W11 1-Trimmer™ Round Trimming potentiometer

Features

- Single Turn / Cermet / Industrial / Trimmer™
- Sealed
- 2 standard terminal styles



Electrical Characteristics

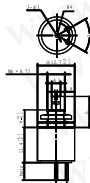
Standard Resistance Range
 47 to 4.7 megohms
 (see standard resistance table)
 Resistance Tolerance
 ±10% or ±20% std.
 (tighter tolerance available)
 Absolute Minimum Resistance
 1% or 2 ohms max.
 (whichever is greater)
 Contact Resistance Variation
 4% or 4 ohms max.
 (whichever is greater)
 Resolution
 Infinite
 Insulation Resistance
 500 vdc:
 1,000 megohms min.
 Dielectric Strength
 101-3 kPa 1000 vac
 8.5 kPa 350 vac
 Adjustment Angle
 250° ±10° nom.

Environmental Characteristics

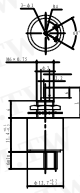
Power Rating (250 volts max.)
 0.5 watt (70°C), 0 watt (125°C)
 Temperature Range
 -55°C to +125°C
 Temperature Coefficient
 ±100ppm/°C
 Vibration
 98 m/s²
 (2% ΔTR; 2% ΔVR)
 Shock
 390 m/s²
 (2% ΔTR; 2% ΔVR)
 Load Life
 1,000 hours 0.5 watt @ 70°C
 (5% ΔTR; 8% or 8 ohm, whichever is greater, CRV)
 Rotational Life
 10,000 cycles (-1)
 1000 cycles (-2)
 (5% ΔTR; 8% or 8 ohm, whichever is greater, CRV)

Physical Characteristics

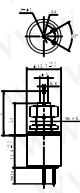
Mechanical Angle
 280° ±15° nom.
 Torque
 80 mN • m max.
 Stop Strength
 150 mN • m min.



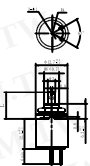
W11-1-3fig.



W11-1-5fig.



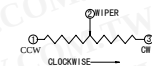
W11-1-2fig.



W11-1-4-3fig.

How to order

Model _____
 Style _____
 Resistance Code _____



Standard Resistance Table

Resistance (Ohm)	Resistance Code
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

Special resistance available

Detail Specification: Q'RY509-2002