



### Features

- Surface Mount
- 4mm Square
- Multi-turns / Cermet
- Industrial / Sealed

### Electrical Characteristics

Standard Resistance Range

10 to 1 megohms  
(see standard resistance table)

Resistance Tolerance

$\pm 10\%$  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)

Resolution

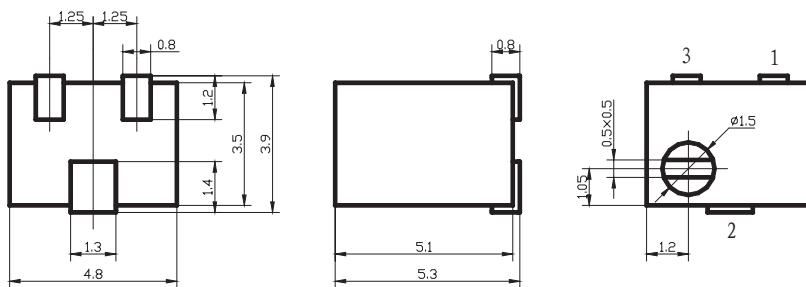
Essentially Infinite

Insulation Resistance  
500 vdc  
1,000 megohms min.

Dielectric Strength  
101.3 kPa 600 vac  
8.5 kPa 250 vac

Effective Travel  
11 turns nom.

### WIW3224 Dimensions



### Environmental Characteristics

Power Rating (200 volts max.)

0.25 watt (70°C), 0 watt (125°C)

Temperature Range

-55°C to +125°C

Temperature Coefficient  
 $\pm 100\text{ppm}/^\circ\text{C}$

Vibration

98 m/s<sup>2</sup>  
(1%  $\Delta$  TR; 1%  $\Delta$  VR)

Shock

490 m/s<sup>2</sup>  
(1%  $\Delta$  TR; 1%  $\Delta$  VR)

Load Life

1,000 hours 0.25 watt @ 70°C  
(3%  $\Delta$  TR; 3% or 3 ohm,  
whichever is greater, CRV)

Rotational Life

200 cycles  
(3%  $\Delta$  TR; 3% or 3 ohm,  
whichever is greater, CRV)

Thermal Shock

5 cycles  
(2%  $\Delta$  TR; 1%  $\Delta$  VR)

### Physical Characteristics

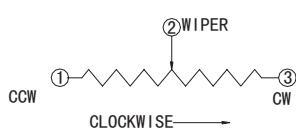
Torque

25 mN • m max.

Mechanical Stops  
Wiper idles

Wiper

Set at 50% nominal



### How to order

WIW3224-W-102

Model \_\_\_\_\_

Style \_\_\_\_\_

Resistance Code \_\_\_\_\_

### standard Resistance Table

Resistance (Ohms)	Resistance Code
10	100
20	200
50	500
<b>100</b>	<b>101</b>
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

Special resistance available

Detail Specification: Q/RY515-2003