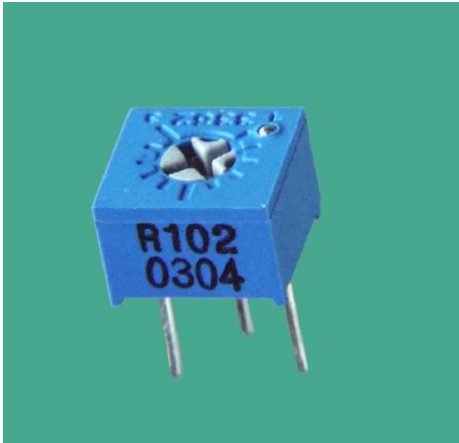




## Features

- Single Turn / Cermet / Industrial / Sealed
- Available with a knob for finger adjust
- Available with extended shaft
- Top and side adjust types (P,U, W,S most popular)

## WIW3362- Trimmer Square Trimming Potentiometer

### Electrical Characteristics

Standard Resistance Range  
100 to 2 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)

Adjustability  
Voltage  $\pm 0.05\%$   
Resistance  $\pm 0.15\%$

Resolution  
Infinite

Insulation Resistance  
500 vdc  
1,000 megohms min.

Dielectric Strength  
101.3 kPa 500 vac  
8.5 kPa 315 vac

Adjustment Angle  
210° 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  
 $\pm 100\text{ppm}/^\circ\text{C}$

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

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

Load Life  
1,000 hours 0.5 watt @ 70°C  
(3%  $\Delta$  TR; 4% or 4 ohms, Whichever is greater, CRV)

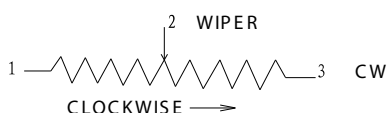
Rotational Life  
200 cycles  
(3%  $\Delta$  TR; 4% or 4 ohms, Whichever is greater, CRV)

### Physical Characteristics

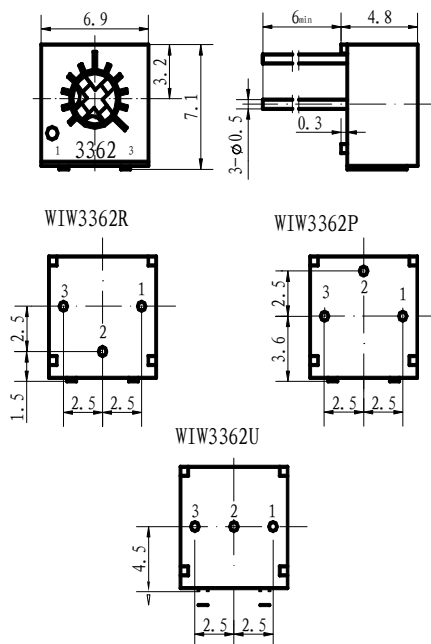
Mechanical Angle  
250° nom.

Torque  
20 mN · m max.

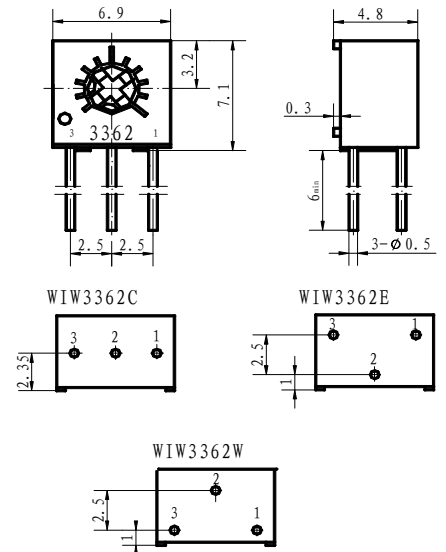
Stop Strength  
50 mN · m min.



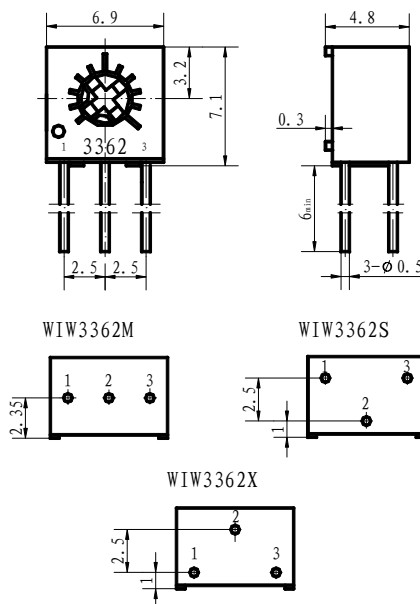
### Common Dimensions Top Adjust



### Common Dimensions Reverse Adjust



### Common Dimensions Side Adjust



### How to order

WIW3362—P—102

Model

Style

Resistance Code

### 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             |

Special resistance is available

Detail Specification: Q/R Y219-2000

Military Specification: Q/R Y20008-97