



## Features

- Single-Turn / Cermet / Industrial / Open Frame
- Stable cermet element offers infinite resolution
- Very low profile
- Seven standard pin styles
- Thumb and screwdriver adjustment

- RoHS compliant\* version available
- For trimmer applications/processing guidelines, [click here](#)

## 3352 - 3/8 " Round Trimpot® Trimming Potentiometer

### Electrical Characteristics

Standard Resistance Range ..... 10 to 2 megohms  
(see standard resistance table)  
Resistance Tolerance .....  $\pm 20\%$  std.  
(tighter tolerance available)  
Absolute Minimum Resistance ..... 2 ohms max.  
Contact Resistance Variation ..... 1.0 % or 1 ohm max.  
(whichever is greater)  
Adjustability  
Voltage Divider .....  $\pm 0.05\%$   
Rheostat .....  $\pm 0.25\%$   
Resolution ..... Infinite  
Dielectric Strength  
Sea Level ..... 500 vac  
80,000 Feet ..... 350 vac  
Adjustment Angle .....  $205^\circ$  nom.

### Environmental Characteristics

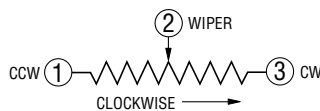
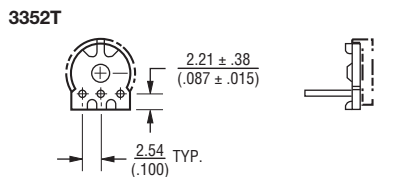
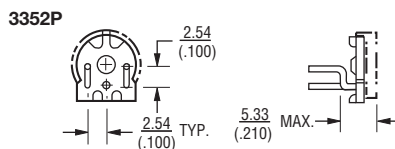
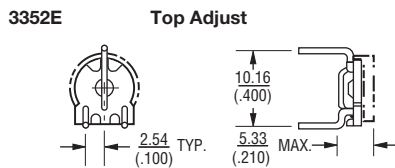
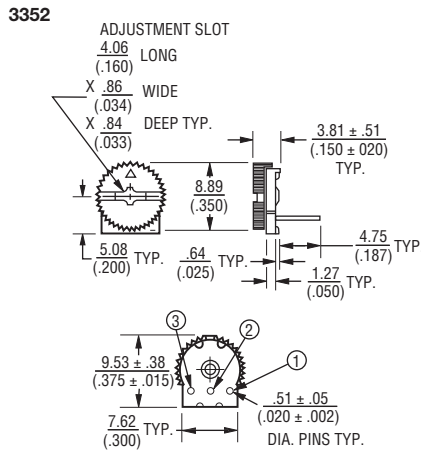
Power Rating (250 volts max.)  
85 °C ..... 0.50 watt  
125 °C ..... 0 watt  
Temperature Range ...  $-55^\circ\text{C}$  to  $+125^\circ\text{C}$   
Temperature Coefficient  
 $\pm 100$  ppm/°C ..... 2K & up  
 $\pm 150$  ppm/°C ..... Below 2K  
Humidity ..... MIL-STD-202 Method 103  
96 hours  
(2 %  $\Delta$ TR, 10 Megohms IR)  
Vibration ..... 30 G (2 %  $\Delta$ TR; 2 %  $\Delta$ VR)  
Shock ..... 100 G (2 %  $\Delta$ TR; 2 %  $\Delta$ VR)  
Load Life.. 1,000 hours 0.5 watt @ 85 °C  
(3 %  $\Delta$ TR)  
Rotational Life ..... 200 cycles  
(10 %  $\Delta$ TR)

### Physical Characteristics

Mechanical Angle .....  $250^\circ$  nom.  
Torque ..... 3.0 oz-in. max.  
Stop Strength ..... 8 oz -in. min.  
Terminals ..... Solderable pins  
Weight ..... 0.01 oz.  
Marking ..... Manufacturer's  
trademark, resistance value  
and model number.  
Date code on packaging.  
Wiper ..... 50 % (Actual TR)  $\pm 10\%$   
Standard Packaging ..... 100 pcs. per bag  
Adjustment Tool ..... H-90

Aqueous cleaning not recommended.

### Product Dimensions

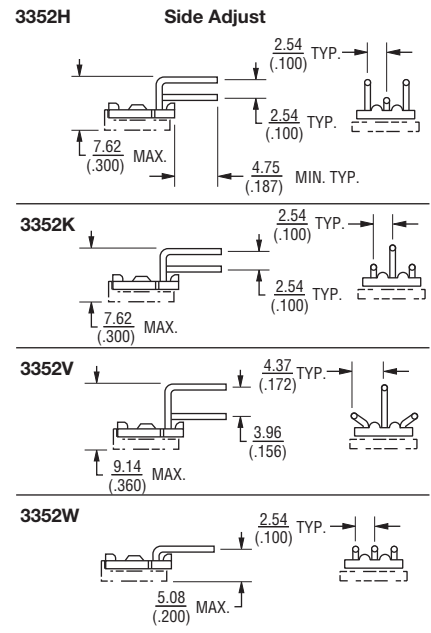


### How To Order

**3352 W - 1 - 103 LF**

Model \_\_\_\_\_  
Style \_\_\_\_\_  
Standard or Modified Product Indicator \_\_\_\_\_  
-1 = Standard Product  
Resistance Code \_\_\_\_\_  
Terminations \_\_\_\_\_  
LF = 100 % Tin-plated (RoHS compliant)  
Blank = 90 % Tin / 10 % Lead-plated (Standard)

Consult factory for other available options.



DIMENSIONS:  $\frac{\text{MM}}{(\text{INCHES})}$

TOLERANCES:  $\pm \frac{0.25}{(.010)}$  EXCEPT WHERE NOTED

### Standard Resistance Table

| Resistance (Ohms) | Resistance Code |
|-------------------|-----------------|
| 10                | 100             |
| 20                | 200             |
| 50                | 500             |
| <b>100</b>        | <b>101</b>      |
| <b>200</b>        | <b>201</b>      |
| <b>500</b>        | <b>501</b>      |
| <b>1,000</b>      | <b>102</b>      |
| <b>2,000</b>      | <b>202</b>      |
| <b>5,000</b>      | <b>502</b>      |
| <b>10,000</b>     | <b>103</b>      |
| <b>20,000</b>     | <b>203</b>      |
| <b>25,000</b>     | <b>253</b>      |
| <b>50,000</b>     | <b>503</b>      |
| <b>100,000</b>    | <b>104</b>      |
| 200,000           | 204             |
| 250,000           | 254             |
| 500,000           | 504             |
| 1,000,000         | 105             |
| 2,000,000         | 205             |

Popular values listed in boldface. Special resistances available.

REV. 04/14

\*RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011.

Specifications are subject to change without notice.

The device characteristics and parameters in this data sheet can and do vary in different applications and actual device performance may vary over time. Users should verify actual device performance in their specific applications.

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