



**THE DATASHEET OF  
3362X-1-501LF**





## Features

- Single-Turn / Cermet / Industrial / Sealed
- Miniature package
- Rotor designed for automatic machine adjust interface
- Withstands harsh environments and immersion cleaning processes
- Tape and reel packaging available

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

## 3362 – 1/4 " Square Trimpot® Trimming Potentiometer

### Additional Information

Click these links for more information:



### Electrical Characteristics

- Standard Resistance Range  
..... 10 ohms to 2 megohms  
(see standard resistance table)
- Resistance Tolerance ..... ±10 % std.
- Absolute Minimum Resistance  
..... 1 % or 2 ohms  
(whichever is greater)
- Contact Resistance Variation  
..... 1 % or 3 ohms max.  
(whichever is greater)
- Adjustability
- Voltage Divider ..... ±0.05 %
  - Rheostat ..... ±0.15 %
- Resolution ..... Infinite
- Insulation Resistance ..... 500 vdc.  
1,000 megohms min.
- Dielectric Strength
- Sea Level ..... 900 vac
  - 80,000 Feet ..... 350 vac
  - Adjustment Angle ..... 240 ° nom.

### Environmental Characteristics

- Power Rating (300 volts max.)
- 70 °C ..... 0.50 watt
  - 125 °C ..... 0 watt
- Temperature Range ..... -55 °C to +125 °C
- Temperature Coefficient ..... ±100 ppm/°C
- Seal Test ..... 85 °C Fluorinert†
- Humidity ..... MIL-STD-202 Method 103  
96 hours  
(2 % ΔTR; 10 Megohms IR)
- Vibration ..... 30 G (1 % ΔTR; 1 % ΔVR)
- Shock ..... 100 G (1 % ΔTR; 1 % ΔVR)
- Load Life.. 1,000 hours 0.5 watt @ 70 °C  
(3 % ΔTR; 3 % or 3 ohms,  
whichever is greater, CRV)
- Rotational Life ..... 200 cycles  
(4 % ΔTR; 3 % or 3 ohms,  
whichever is greater, CRV)



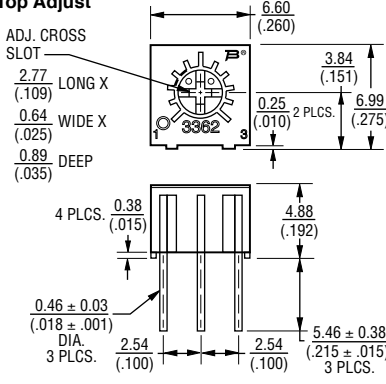
### WARNING Cancer and Reproductive Harm

[www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

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### Product Dimensions

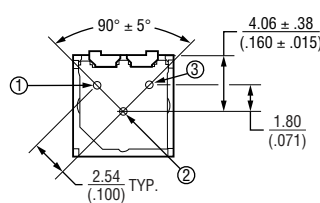
#### Common Dimensions Top Adjust



#### 3362F



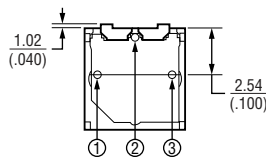
#### 3362H



#### 3362P



#### 3362R



#### 3362U



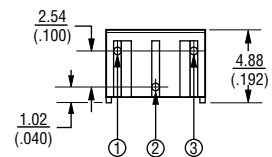
#### Common Dimensions Side Adjust



#### 3362M



#### 3362S



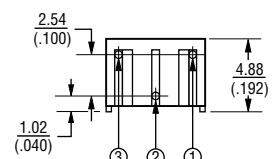
#### 3362W



#### 3362X

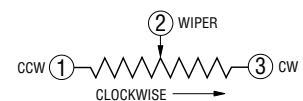


#### 3362Z



DIMENSIONS:  $\frac{\text{MM}}{\text{(INCHES)}}$   
TOLERANCES: ±  $\frac{0.25}{(.010)}$  EXCEPT WHERE NOTED

\*RoHS Directive 2015/863, Mar. 31, 2015 and Annex  
†"Fluorinert" is a registered trademark of 3M Co.  
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