

## 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 Timpot® 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
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)



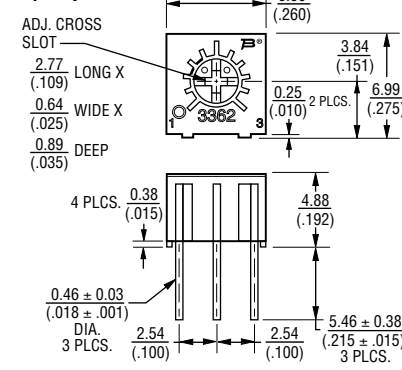
**WARNING Cancer and Reproductive Harm**  
[www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

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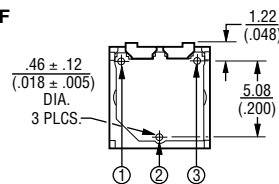
### Product Dimensions

#### Common Dimensions

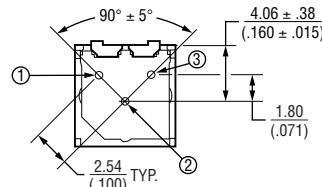
##### Top Adjust



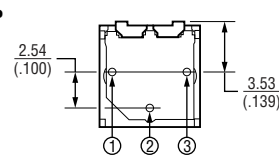
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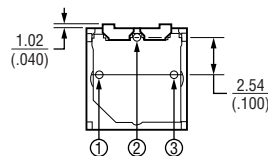
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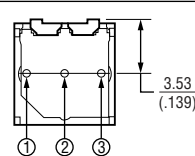
##### 3362P



##### 3362R

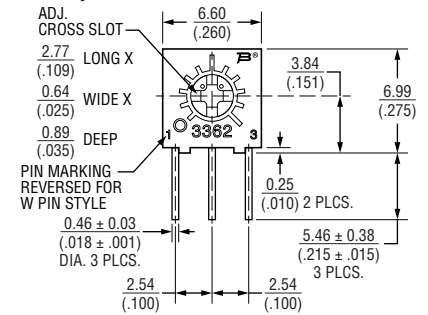


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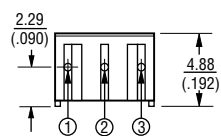


#### Common Dimensions

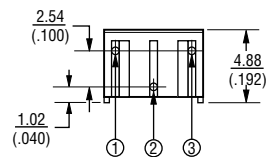
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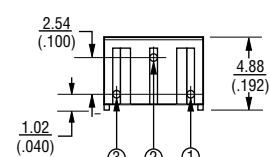
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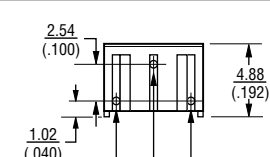
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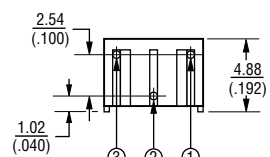
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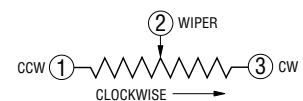
##### 3362X



##### 3362Z



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



\*RoHS Directive 2015/863, Mar. 31, 2015 and Annex "Timpot" is a trademark of Bourns, Inc.



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