

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)



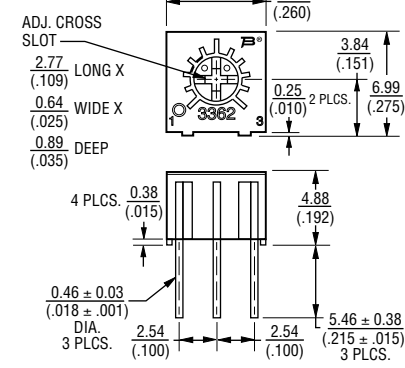
WARNING Cancer and Reproductive Harm
www.P65Warnings.ca.gov

Specifications are subject to change without notice. Users should verify actual device performance in their specific applications. The products described herein and this document are subject to specific legal disclaimers as set forth on the last page of this document, and at www.bourns.com/docs/legal/disclaimer.pdf.

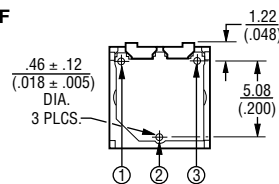
Product Dimensions

Common Dimensions

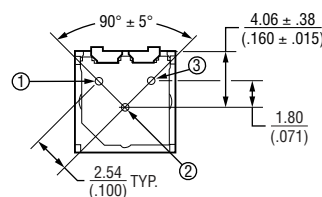
Top Adjust



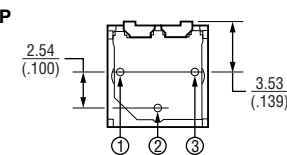
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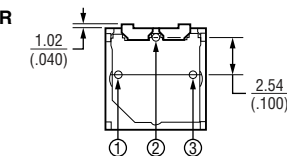
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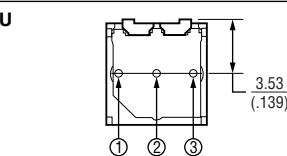
3362P



3362R

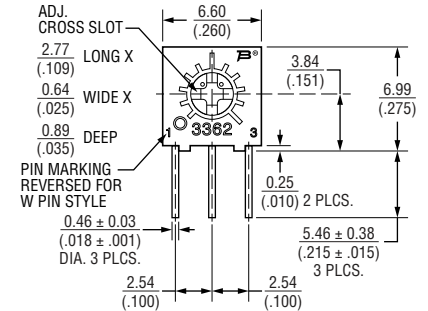


3362U

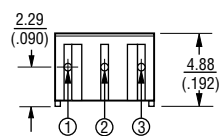


Common Dimensions

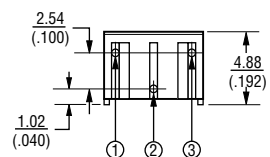
Side Adjust



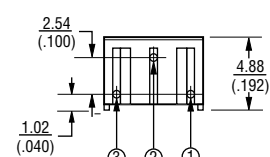
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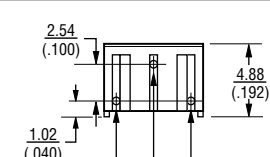
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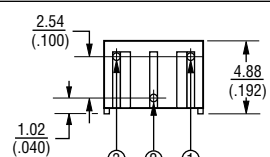
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3362X

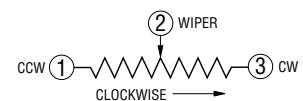


3362Z



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

TOLERANCES: ± 0.25 (.010) EXCEPT WHERE NOTED



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