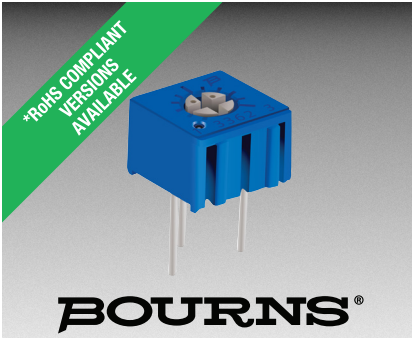




**THE DATASHEET OF**  
**3362U-1-104ALF**





**BOURNS®**

**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)

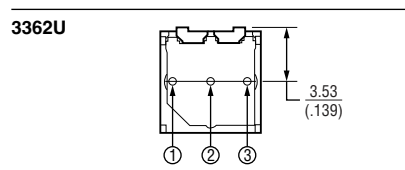
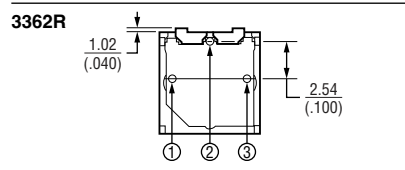
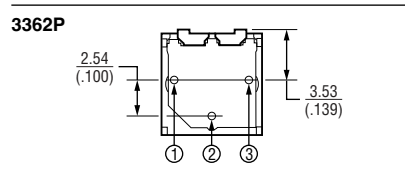
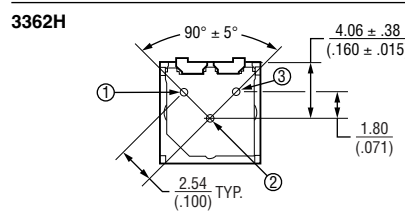
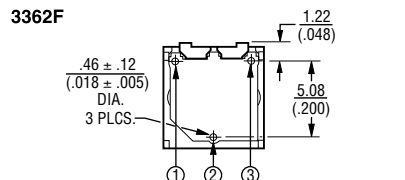
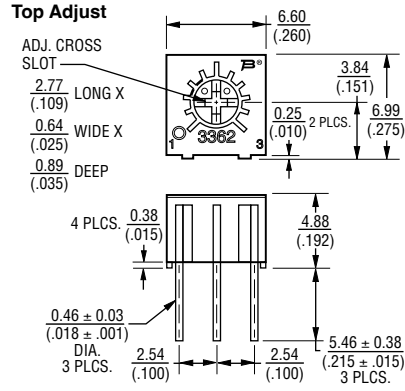


**WARNING Cancer and Reproductive Harm**  
[www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

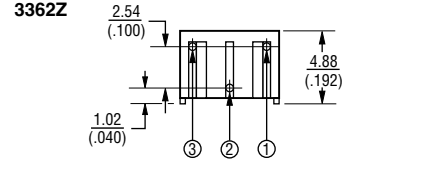
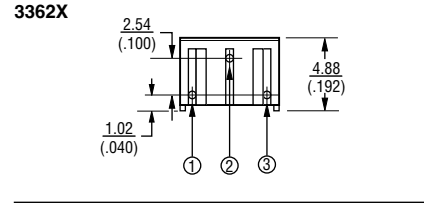
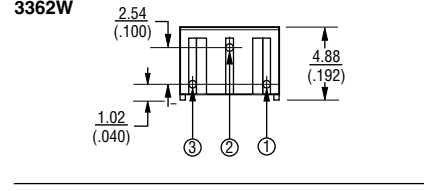
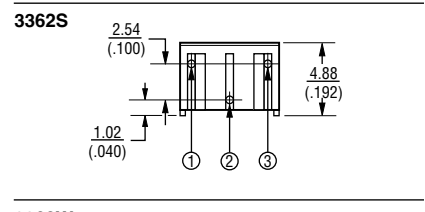
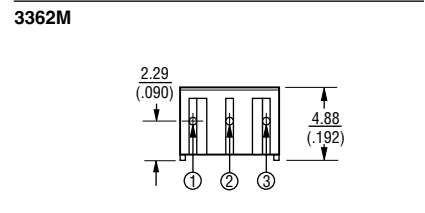
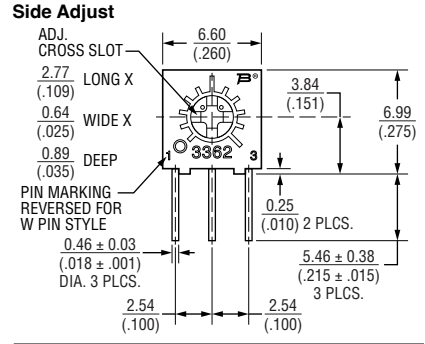
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**Product Dimensions**

**Common Dimensions**

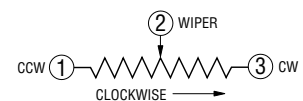


**Common Dimensions**



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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