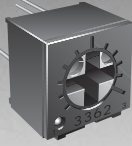


AVAILABLE THROUGH DISTRIBUTION



**BOURNS®**

## Features

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

■ Available on [tape and reel packaging](#)

# 3362 - 1/4 " Square Trimming Potentiometer

## Electrical Characteristics

Standard Resistance Range .....10 to 2 megohms  
 (see standard resistance table)  
 Resistance Tolerance .....±10 % std.  
 (tighter tolerance available)  
 Absolute Minimum Resistance .....1 % or 2 ohms  
 (whichever is greater)  
 Contact Resistance Variation .....1 % or 3 ohms max.  
 (whichever is greater)  
 Adjustability  
 Voltage .....±0.05 %  
 Resistance .....±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

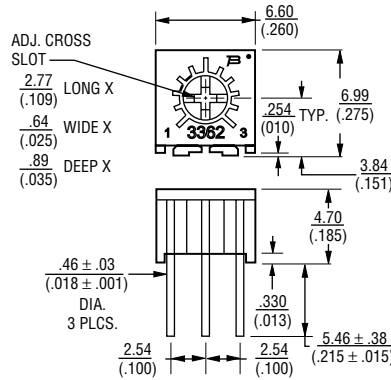
Power Rating (300 volts max.)  
 70 °C .....0.50 watt  
 125 °C .....0 watt  
 Temperature Range .....-55 °C to +125 °C  
 Temperature Coefficient .....±100 ppm/°C  
 Seal Test .....85 °C Fluorinert\*  
 Humidity.....MIL-STD-202 Method 103  
 96 hours  
 (2 % ΔTR; 10 Megohms IR)  
 Vibration.....30 G (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)

## Physical Characteristics

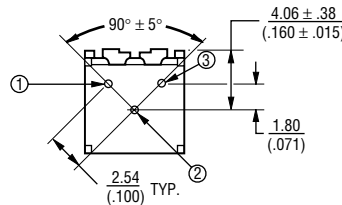
Mechanical Angle .....270 ° nom.  
 Torque .....3.0 oz-in. max.  
 Stop Strength .....7.0 oz -in. min.  
 Terminals .....Solderable pins  
 Weight .....0.02 oz.  
 Marking .....Resistance code,  
 terminal numbers, manufacturer's  
 model number, style  
 and date code  
 Wiper .....50 % ±10 %  
 Flammability .....U.L. 94V-0  
 Standard Packaging .....50 pcs. per tube  
 Adjustment Tool .....H-90

\*"FLUORINERT" IS A REGISTERED TRADEMARK OF 3M CO.

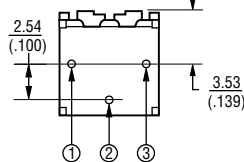
## Common Dimensions Top Adjust



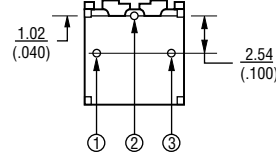
## 3362H



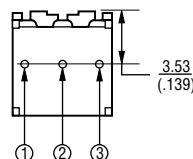
## 3362P



## 3362R



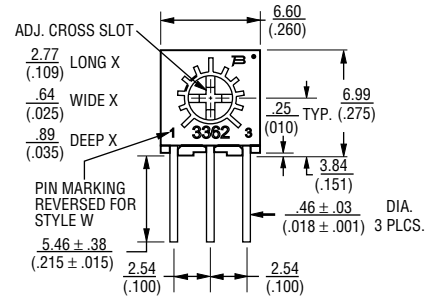
## 3362U



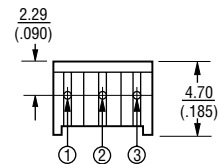
TOLERANCES: ± 0.25 (.010) EXCEPT WHERE NOTED

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

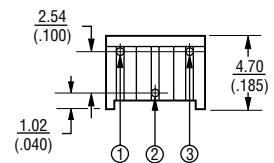
## Common Dimensions Side Adjust



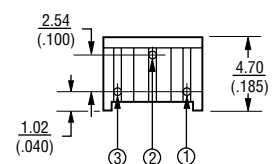
## 3362M



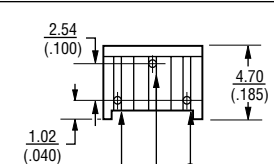
## 3362S



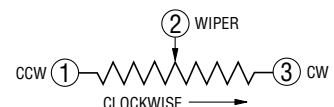
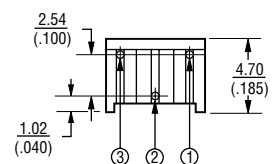
## 3362W



## 3362X



## 3362Z



# 3362 - 1/4 " Square Trimming Potentiometer

**BOURNS®**

## How to Order

**3362 P - 1 - 502**

Model \_\_\_\_\_  
Style \_\_\_\_\_  
Standard or Modified \_\_\_\_\_  
Product Indicator \_\_\_\_\_  
-1 = Standard Product  
Resistance Code \_\_\_\_\_

Consult factory for other available options.

## 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 distribution resistance values listed in boldface. Special resistances available.