



## Features

- Single Turn / Cermet / Industrial / Sealed
- Available on tape and reel
- Available with a knob for finger adjust
- Available with extended shaft
- Available with cross-slot rotor
- Top and side adjust types (F, P, H, W, X most popular)

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

## 3386 - 3/8" Square Trimpot® Trimming Potentiometer

### Electrical Characteristics

Standard Resistance Range ..... 10 ohms to 2 megohms  
(see standard resistance table)  
Resistance Tolerance .....  $\pm 10\%$  std.  
(tighter tolerance available)  
Absolute Minimum Resistance ..... 2 ohms max.  
Contact Resistance Variation ..... 2 % or 3 ohms max.  
(whichever is greater)  
Adjustability  
Voltage .....  $\pm 0.05\%$   
Resistance .....  $\pm 0.15\%$   
Resolution ..... Infinite  
Insulation Resistance ..... 500 vdc.  
1,000 megohms min.  
Dielectric Strength  
Sea Level ..... 900 vac  
70,000 Feet ..... 350 vac  
Adjustment Angle .....  $280^\circ$  nom.

### Environmental Characteristics

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

### Physical Characteristics

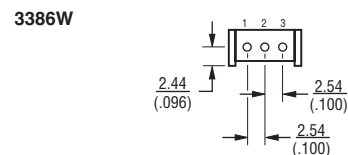
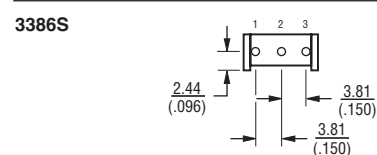
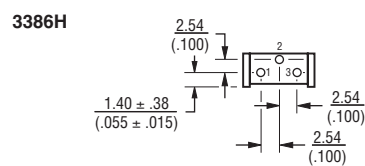
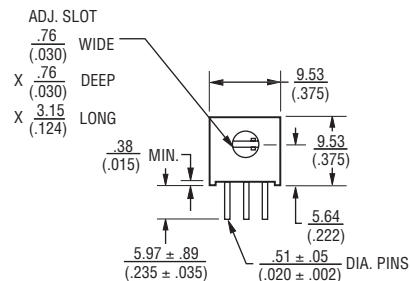
Mechanical Angle .....  $310^\circ$  nom.  
Torque ..... 5.0 oz-in. max.  
Stop Strength ..... 15.0 oz-in. min.  
Terminals ..... Solderable pins  
Weight ..... 0.03 oz.  
Marking ..... Manufacturer's  
trademark, resistance code,  
wiring diagram, date code,  
manufacturer's model  
number and style  
Flammability ..... U.L. 94V-0  
Standard Packaging ..... 50 pcs. per tube  
Wiper ..... 50 % (Actual TR)  $\pm 10\%$   
Adjustment Tool ..... H-90

### Product Dimensions

#### Common Dimensions Side Adjust Models B,C,J,X



#### Common Dimensions Side Adjust Models H,S,W



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

TOLERANCES:  $\pm \frac{0.25}{(.010)}$  EXCEPT WHERE NOTED

### Standard Resistance Table

| Resistance<br>(Ohms) | Resistance<br>Code |
|----------------------|--------------------|
| 10                   | 100                |
| 20                   | 200                |
| 50                   | 500                |
| 100                  | 101                |
| 200                  | 201                |
| 500                  | 501                |
| 1,000                | 102                |
| 2,000                | 202                |
| 5,000                | 502                |
| 10,000               | 103                |
| 20,000               | 203                |
| 25,000               | 253                |
| 50,000               | 503                |
| 100,000              | 104                |
| 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.

### How To Order

**3386 P - 1 - 103 T LF**

Model \_\_\_\_\_  
Style \_\_\_\_\_  
Standard or Modified \_\_\_\_\_  
Product Indicator \_\_\_\_\_  
-1 = Standard Product  
-EY5 = Extended Shaft  
Resistance Code \_\_\_\_\_  
Optional Suffix Letter \_\_\_\_\_  
T = Knob\*\*  
Packaging Designator \_\_\_\_\_  
Blank = Tube (Standard)  
R = Tape & Reel (W and U Pin Styles Only)  
A = Ammo Pack (W and U Pin Styles Only)  
Terminations \_\_\_\_\_  
LF = 100 % Tin-plated (RoHS compliant)  
Blank = 90 % Tin / 10 % Lead-plated  
(Standard)

\*\*Knob option is available only in standard tube packaging.  
Consult factory for other available options.

\*RoHS Directive 2002/95/EC Jan 27, 2003 including Annex.  
†"Fluorinert" is a registered trademark of 3M Co.

Specifications are subject to change without notice.

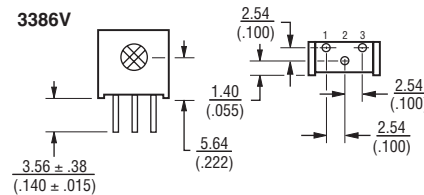
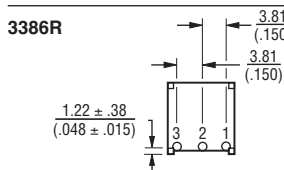
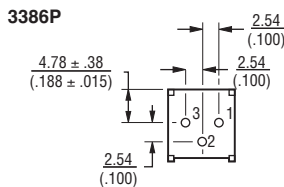
Customers should verify actual device performance in their specific applications.

# 3386 - 3/8" Square Trimpot® Trimming Potentiometer

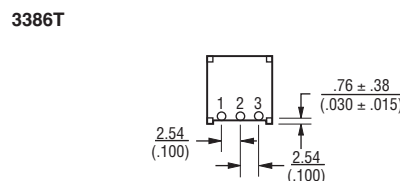
**BOURNS®**

## Product Dimensions

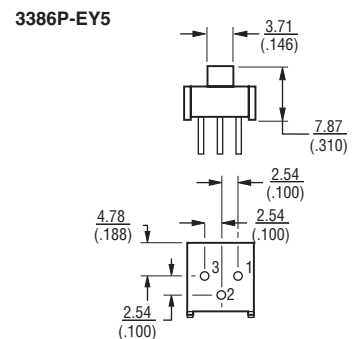
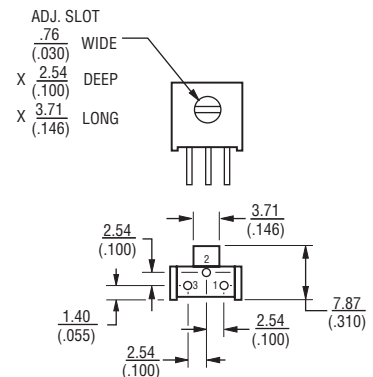
### Common Dimensions Top Adjust Models F,G,K,P,R,U,V,Y



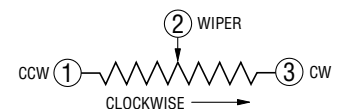
### Common Dimensions Top Adjust Models M,T



### 3386H-EY5 3386X-EY5 – SHOWN



The Model 3386 is available with a knob for finger adjustment. Add suffix letter "T" to order code for F, P and X terminal styles.



DIMENSIONS: MM (INCHES)  
TOLERANCES: ± 0.25 (0.010) EXCEPT WHERE NOTED

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Customers should verify actual device performance in their specific applications.

# 3386 - 3/8 " Square Trimpot® Trimming Potentiometer

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## Packaging Specifications

### SIDE ADJUST 3386W-1



### TOP ADJUST 3386U-1



Meets EIA Specification 468.

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

REV. 10/11

"Trimpot" is a registered trademark of Bourns, Inc.  
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Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

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- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

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Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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