



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	±10 % std.
(tighter tolerance available)	
Absolute Minimum Resistance	2 ohms max.
Contact Resistance Variation	2 % 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
70,000 Feet	350 vac
Adjustment Angle	280 ° nom.

Environmental Characteristics

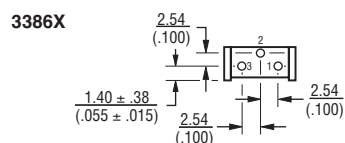
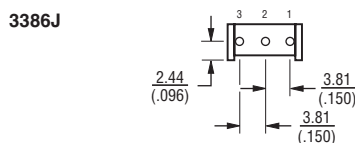
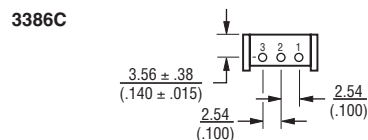
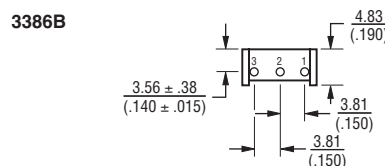
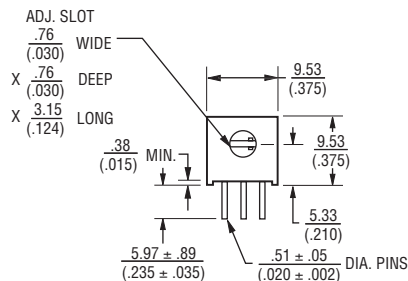
Power Rating (300 volts max.)	
85 °C	0.5 watt
125 °C	0 watt
Temperature Range	-55 °C to +125 °C
Temperature Coefficient	±100 ppm/°C
Seal Test	85 °C Fluorinert†
Humidity	MIL-STD-202 Method 103
96 hours	
(2 % ΔTR, 10 Megohms min.)	
Vibration	30 G (1 % ΔTR; 1 % ΔVR)
Shock	100 G (1 % ΔTR; 1 % ΔVR)
Load Life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

Physical Characteristics

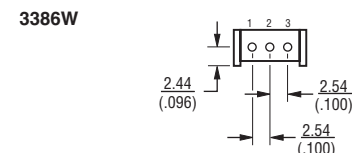
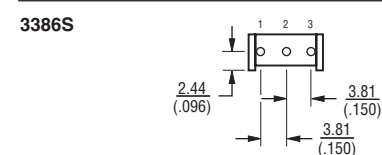
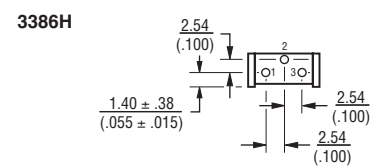
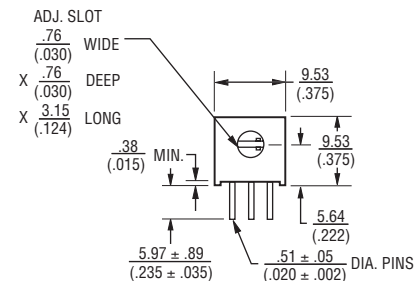
Mechanical Angle	310 ° nom.
Torque	5.0 oz-in. max.
Stop Strength	15.0 oz-in. min.
Terminals	Solderable pins
Weight	0.03 oz.
Marking	Manufacturer's
trademark, resistance code,	
wiring diagram, date code,	
manufacturer's model	
number and style	
Flammability	U.L. 94V-0
Standard Packaging	50 pcs. per tube
Wiper	50 % (Actual TR) ±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: ± $\frac{0.25}{(.010)}$ EXCEPT WHERE NOTED

Standard Resistance Table

Resistance (Ohms)	Resistance 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

Model	3386
Style	P
Standard or Modified	-1
Product Indicator	-EY5
-1 = Standard Product	
-EY5 = Extended Shaft	
Resistance Code	103
Optional Suffix Letter	T
T = Knob**	
Packaging Designator	LF
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.

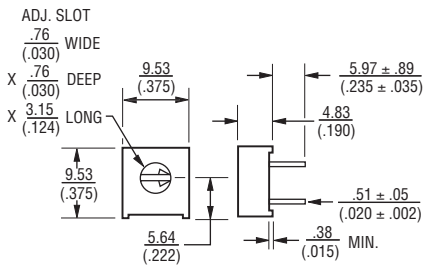
Customers should verify actual device performance in their specific applications.

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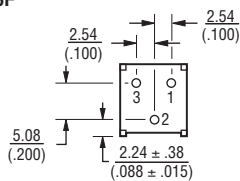
BOURNS®

Product Dimensions

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



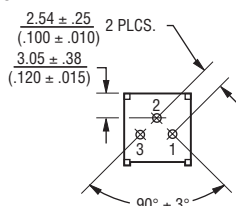
3386F



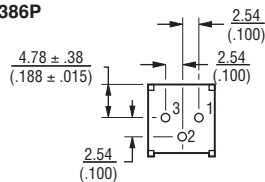
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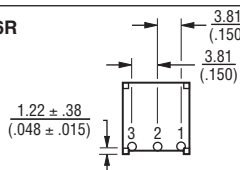
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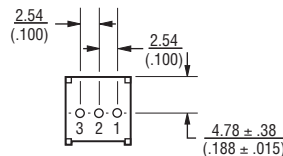
3386P



3386R



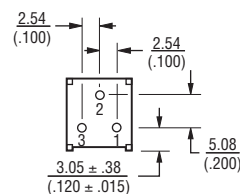
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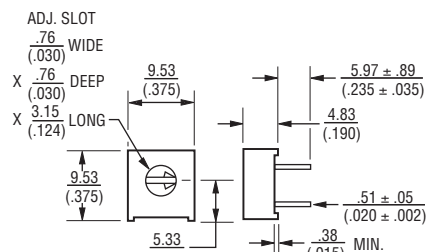
3386V



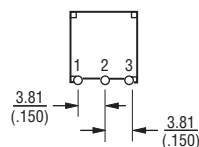
3386Y



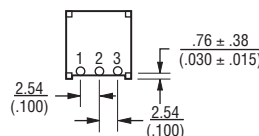
Common Dimensions Top Adjust Models M,T



3386M

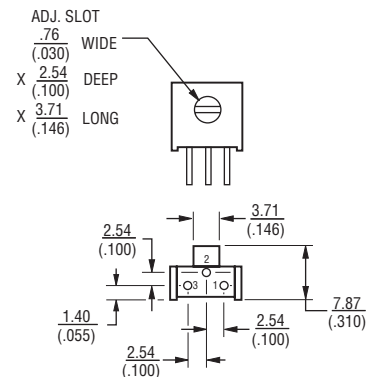


3386T

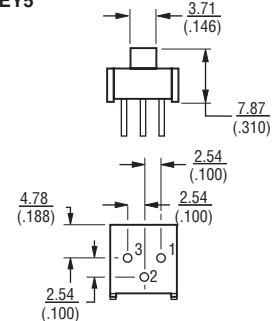


3386H-EY5

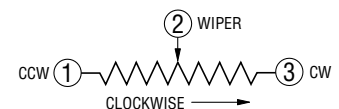
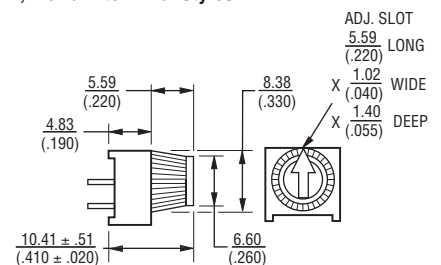
3386X-EY5 – SHOWN



3386P-EY5



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.

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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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- 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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