

## Features

- Multiturn / Cermet / Industrial / Sealed
- Optional [panel mount available](#)
- Thin body profile
- RoHS compliant\* version available
- For trimmer applications/processing guidelines, [click here](#)

## 3292 - 3/8" Square Trimpot® Trimming Potentiometer

### Electrical Characteristics

Standard Resistance Range ..... 10 to 1 megohm  
 (see standard resistance table)

Resistance Tolerance ..... ±10 % std.  
 (tighter tolerance available)

Absolute Minimum Resistance ..... 1 % or 2 ohms max.  
 (whichever is greater)

Contact Resistance Variation ..... 1.0 % or 3 ohms max.  
 (whichever is greater)

Adjustability  
 Voltage ..... ±0.01 %  
 Resistance ..... ±0.05 %

Resolution ..... Infinite

Insulation Resistance ..... 500 vdc.  
 1,000 megohms min.

Dielectric Strength  
 Sea Level ..... 900 vac  
 80,000 Feet ..... 350 vac

Effective Travel ..... 25 turns nom.

### Environmental Characteristics

Power Rating (400 volts max.)  
 85 °C ..... 0.5 watt  
 150 °C ..... 0 watt

Temperature Range ... -65 °C to +150 °C

Temperature Coefficient ... ±100 ppm/°C

Seal Test ..... 85 °C Fluorinert†  
 (pin styles only)

Humidity ..... MIL-STD-202 Method 103  
 96 hours (1 % ΔTR, 100 Megohms IR)

Vibration ..... 30 G (1 % ΔTR; 1 % ΔVR)

Shock ..... 100 G (1 % ΔTR; 1 % ΔVR)

Load Life ..1,000 hours 0.5 watt @ 85 °C  
 (2 % ΔTR; 3 % or 3 ohms,  
 whichever is greater, CRV)

Rotational Life ..... 200 cycles  
 (2 % ΔTR; 3 % or 3 ohms,  
 whichever is greater, CRV)

### Physical Characteristics

Torque ..... 5.0 oz-in. max.

Mechanical Stops ..... Wiper idles

Terminals Solderable printed circuit pins

Weight ..... 0.025 oz.

Machine Screw Mounting  
 Torque ..... 12 oz-in. max.

Marking ..... Manufacturer's trademark,  
 resistance code, wiring diagram,  
 date code, manufacturer's model  
 number and style

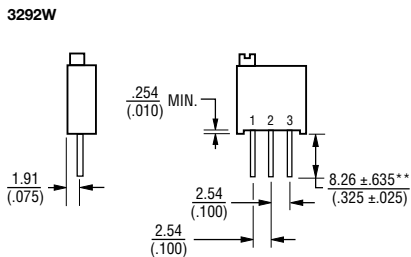
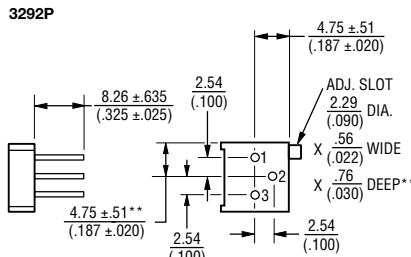
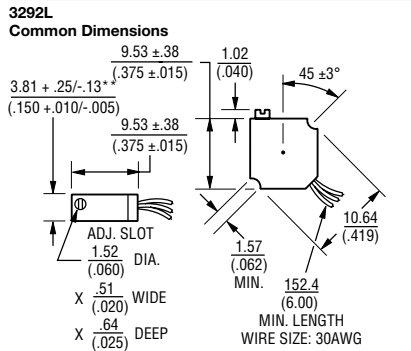
Wiper ..... 50 % (Actual TR) ±10 %

Flammability ..... U.L. 94V-0

Standard Packaging  
 P, W & X Styles ..... 50 pcs. per tube  
 L Style ..... 50 pcs. per bag

Adjustment Tool ..... H-90

### Product Dimensions



\*\*Common dimensions

### How To Order

**3292 W - 1 - 103 M LF**

Model \_\_\_\_\_

Style \_\_\_\_\_

Standard or Modified \_\_\_\_\_

Product Indicator  
 -1 = Standard Product

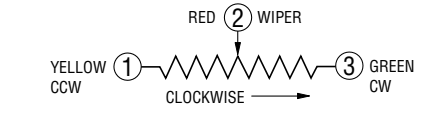
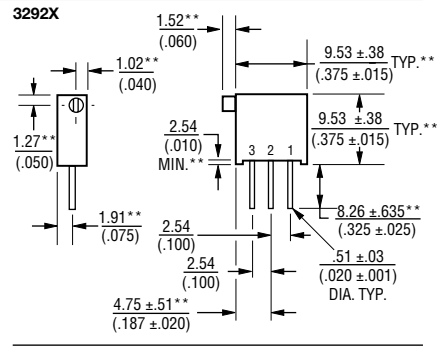
Resistance Code \_\_\_\_\_

Optional Suffix Letter  
 M = Panel Mount Model 3292L, W & X  
 (Factory Installed)

Terminations \_\_\_\_\_

LF = 100 % Tin-plated (RoHS compliant)  
 Blank = 90 % Tin / 10 % Lead-plated  
 (Standard)

Consult factory for other available options.



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
<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

Popular values listed in boldface. Special resistances available.



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

REV. 08/19

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