

## 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.

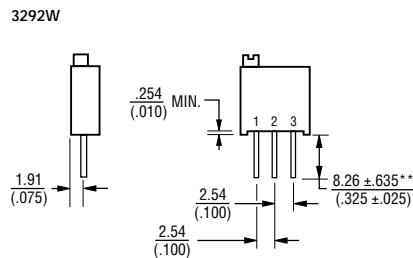
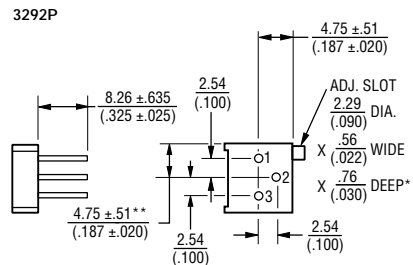
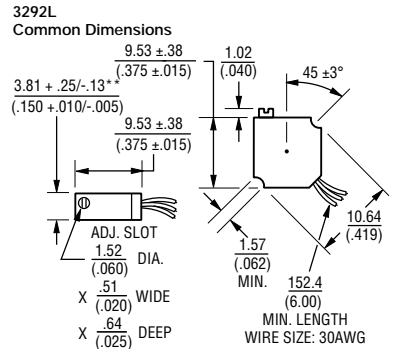
### Environmental Characteristics

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 (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 \_\_\_\_\_

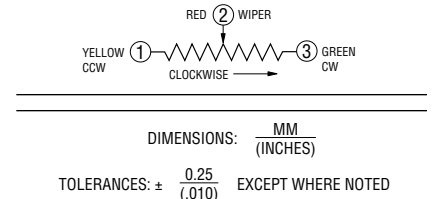
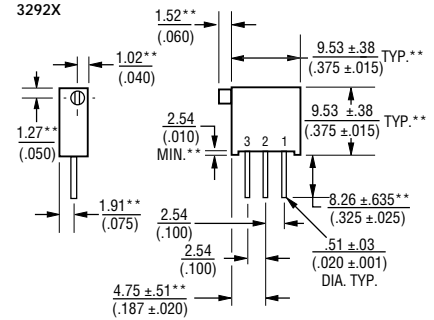
Optional Suffix Letter \_\_\_\_\_  
M = Panel Mount Model 3292L, W & X  
(Factory Installed)

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

Consult factory for other available options.



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



### Standard Resistance Table

Resistance (Ohms)	Resistance Code
10	100
20	200
50	500
100	101
<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.

### Additional Information

Click these links for more information:



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REV. 06/24

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