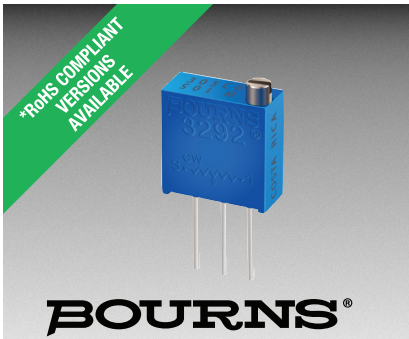




THE DATASHEET OF
3292W-1-102





Features

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

Additional Information

Click these links for more information:



3292 - 3/8" Square Timpot® 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 Travel25 turns nom.

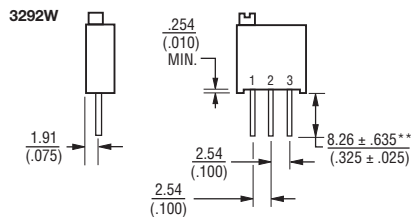
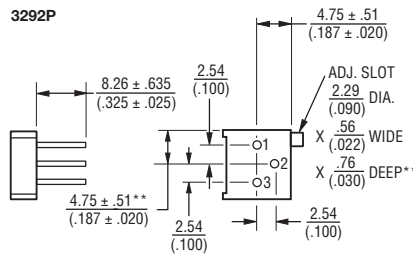
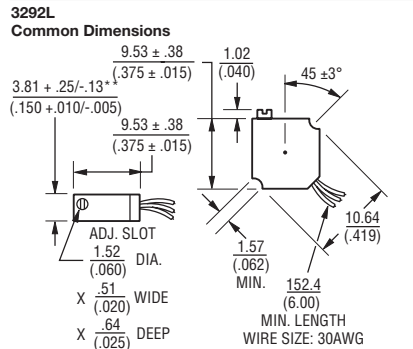
Environmental Characteristics

- 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 / 60 seconds
- HumidityMIL-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 Life200 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
- Adjustment Tool..... H-90

Product Dimensions



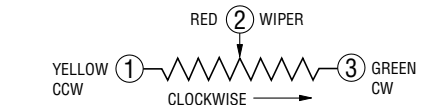
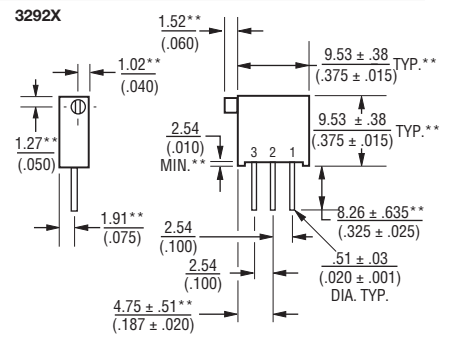
**Common dimensions

Packaging

- Standard Packaging:
P, W & X Styles50 pcs. per tube
L Style.....50 pcs. per bag
- Packaging for Panel Mount:
P, W & X Styles..50 pcs. per plastic tray
L Style50 pcs. per bag

How To Order

- 3292 W - 1 - 103 M LF**
- Model _____
- Style _____
- Std. or Modified Product Indicator
-1 = Standard Product
- Resistance Code _____
- Optional Suffix Letter _____
- M = Panel Mount Model 3292L, P, W & X
(Factory Installed)
- Terminations _____
- LF = 100 % Tin-plated (RoHS compliant)
Blank = 90 % Tin / 10 % Lead-plated (Std.)
- 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
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

Popular values listed in boldface. Special resistances available.



WARNING Cancer and Reproductive Harm
www.P65Warnings.ca.gov

REV. 05/24

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- ✓ Obsolete Management
- ✓ Cost Control Management
- ✓ Shortage Management
- ✓ Alternative Solution
- ✓ Excess Inventory Management