

Features

- Multiturn / Cermet / Industrial / Sealed
- 5 terminal styles
- Tape and reel packaging available
- Chevron seal design
- Listed on the QPL for style RJ24 per MIL-R-22097 and RJR24 per High-Rel Mil-R-39035
- Mounting hardware available (H-117P)
- RoHS compliant* version available
- For trimmer applications/processing auidelines, click here

3296 - 3/8 "Square Trimpot® Trimming Potentiometer

Additional Information

Click these links for more information:











SAMPLES

INVENTORY

CONTACT

Electrical Characteristics

Standard Resistance Range10 ohms to 2 megohms (see standard resistance table) Resistance Tolerance±10 % std. (tighter tolerance available) Absolute Minimum Resistance1 % or 2 ohms max. (whichever is greater) Contact Resistance Variation1.0 % or 3 ohms max. (whichever is greater) Adjustability Voltage.....±0.01 % Resistance±0.05 % ResolutionInfinite Insulation Resistance500 vdc. 1,000 megohms min. Dielectric Strength Sea Level900 vac

Environmental Characteristics

70,000 Feet......350 vac

Effective Travel25 turns nom.

Livil Official Official College
Power Rating (300 volts max.)
70 °C
Temperature Range55 °C to +125 °C
Temperature Coefficient±100 ppm/°C
Seal Test
Humidity MIL-STD-202 Method 103
96 hours (2 % ∆TR, 10 Megohms IR)
Vibration20 G (1 % ΔTR; 1 % ΔVR)
Shock100 G (1 % ΔTR; 1 % ΔVR)
Load Life1,000 hours 0.5 watt @ 70 °C
(3 % Δ TR; 3 % or 3 ohms,
whichever is greater, CRV)
Rotational Life
whichever is greater, CRV)
Moisture Sensitivity LevelN/A
ESD Classification (HBM)

Physical Characteristics

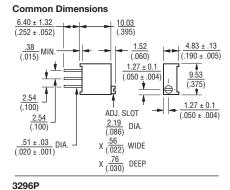
Torque

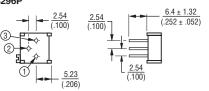
101940	
Mechanical Stops	Wiper idles
Terminals	Solderable pins
Weight	0.03 oz.
	Manufacturer's
trademark,	resistance code, wiring
diagram, d	date code, mfr's. model
	number and style
Wiper5	60 % (Actual TR) ±10 %
Flammability	U.L. 94V-0
Standard Packaging	50 pcs. per tube
Adjustment Tool	H-90
Storage Condition	

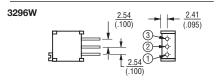
......40 °C max. / 70 % R.H. max.

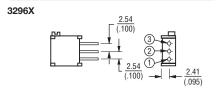
3.0 oz-in. max

Product Dimensions





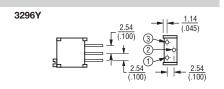


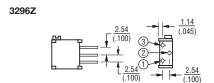


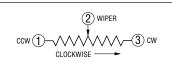
Standard Resistance Table

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 values listed in boldface. Special resistances available

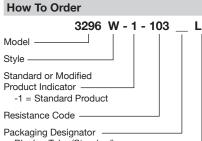






DIMENSIONS:	(INCHES)
TOLERANCES: ± (.010)	EXCEPT WHERE NOTED

MM



Blank = Tube (Standard) R = Tape and Reel (X and W Pin Styles Only)

A = Ammo Pack (X and W Pin Styles Only)

Tape and reel material meets Antistatic ANSI/ESD 5541-2003 packaging standards.

Terminations

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

Consult factory for other available options.



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

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Packaging Specifications

TOP ADJUST 3296W-1 SIDE ADJUST (.150 ± .028) 12.70 (.500) REF. 8.89 + .76 /- .51 12.70 (.500) REF. (.350 + .030 / - .020) $(.15 \pm .028)$ 8.89 + .76 /- .51 (.350 + .030 /- .020) \oplus 18 + 1.0/ - 0.5 (709 + .040/ - .020) 18 + 1.0/ - 0.5 (709 + .040/ - .020) 4.0 ± .03 (.157 ± .001) DIA. (.157 ± .001) DIA. 12.7 + 0.3/ - 0.25 (.500 + .012/ - .010) 4.83 + .30/ -.25 (.190 + .012/ -.010) $\frac{4.83 + .30 / -.25}{(.190 + .012 / -.010)}$ $\frac{2.54}{(.100)}$ 2.41 ± .25 (.095 ± .010) ALL PINS IN-LINE ON $\frac{2.54}{(.100)}$ CENTER MM DIMENSIONS: $\frac{IVIIVI}{(INCHES)}$ $\frac{.51 \pm .051}{(020 \pm .002)}$ DIA. TYP. DIMENSIONS: (INCHES) 1000/REEL/BOX 1000/REEL/BOX

Meets EIA Specification 468.

BOURNS®

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