

Features

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

3296 - 3/8 "Square Trimpot® Trimming Potentiometer

Electrical Characteristics

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

 Adjustability
 ±0.01 %

 Resistance
 ±0.05 %

 Resolution
 Infinite

 Insulation Resistance
 500 vdc

 1,000 megohms min.

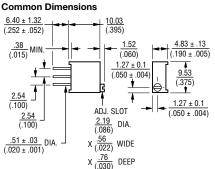
Environmental Characteristics

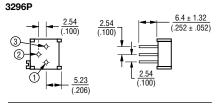
Power Rating (300 volts max.) 125 °C0 watt Temperature Range ... -55 °C to +125 °C Temperature Coefficient ... ±100 ppm/°C Seal Test85 °C Fluorinert† HumidityMIL-STD-202 Method 103 (2 % Δ TR, 10 Megohms IR) Vibration 20 G (1 % ΔTR; 1 % ΔVR) Shock 100 G (1 % ΔTR; 1 % ΔVR) Load Life.. 1,000 hours 0.5 watt @ 70 °C (3 % ΔTR; 3 % or 3 ohms, whichever is greater, CRV) Rotational Life200 cycles (4 % ΔTR; 3 % or 3 ohms, whichever is greater, CRV) Moisture Sensitivity Level.....N/A ESD Classification (HBM).....2

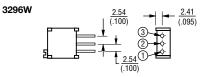
Physical Characteristics

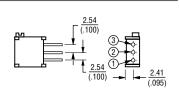
i ilysicai oliaiacte	13403
Torque	3.0 oz-in. max.
Mechanical Stops	Wiper idles
Terminals	Solderable pins
Weight	0.03 oz.
Marking	
	stance code, wiring
diagram, date	code, mfr's. model
	number and style
Wiper50 %	
Flammability	
Standard Packaging	
Adjustment Tool	H-90

Product Dimensions









Standard Resistance Table

3296X

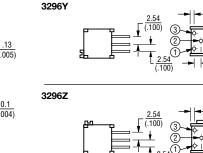
Resistance (Ohms)	Resistance Code
10	100
20	200
50	500
100	101
200	201
500	501
1,000	102
2,000	202
5,000	502
10,000	103
20,000	203
25,000	253
50,000	503
100,000	104
200,000	204
250,000	254
500,000	504
1,000,000	105
2,000,000	205
≥,000,000	∠05

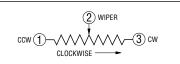
Popular values listed in boldface. Special resistances available.

Users should verify actual device performance in their specific applications. The products described herein and this document are subject to specific legal disclaimers as set forth on the last page of this document, and at

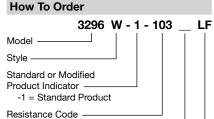
Specifications are subject to change without notice.







DIMENSIONS:	(INCHES)
TOLERANCES: ± 0.25 (.010)	EXCEPT WHERE NOTED



Packaging Designator ——
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

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

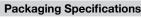
Consult factory for other available options.

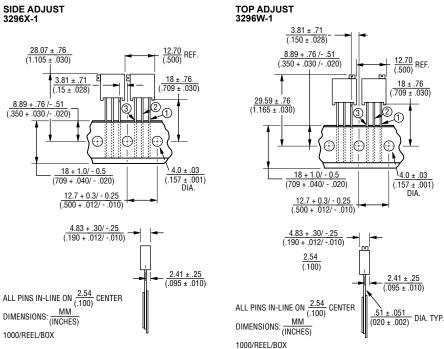


^{*}RoHS Directive 2015/863, Mar. 31, 2015 and Annex "Trimpot" is a trademark of Bourns, Inc. †"Fluorinert" is a registered trademark of 3M Co.

3296 - 3/8 "Square Trimpot® Trimming Potentiometer

BOURNS®





Meets EIA Specification 468.

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