

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 guidelines, click here

"Square Trimpot[®] Trimming Potentiometer 3296 3/8

Additional Information

Click these links for more information:



Electrical Characteristics

Electrical Characteristics	
Standard Resistance Range 	
(see standard resistance table)	
Resistance Tolerance ±10 % std.	
(tighter tolerance available)	
Absolute Minimum Resistance	
(whichever is greater)	
Contact Resistance Variation	
1.0 % or 3 ohms max.	
(whichever is greater)	
Adjustability	
Voltage ±0.01 %	
Resistance±0.05 %	
ResolutionInfinite	
Insulation Resistance	
1,000 megohms min.	
Dielectric Strength	
Sea Level	
70,000 Feet 350 VAC	
Effective Travel	

Environmental Characteristics

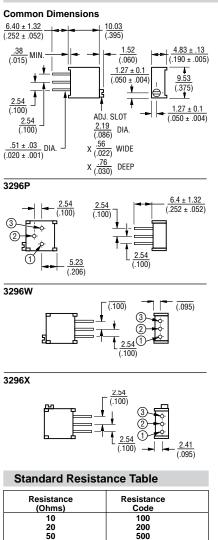
Power Rating (300 volts max.)
70 °C0.5 watt
125 °C0 watt
Temperature Range
Temperature Coefficient±100 PPM/°C
Seal Test
HumidityMIL-STD-202 Method 103
96 hours (2 % ΔTR, 10 Megohms IR)
Vibration
Shock100 G (1 % ΔTR; 1 % ΔVR)
Load Life 1,000 hours 0.5 watt @ 70 °C
(3 % ΔTR; 3 % or 3 ohms,
whichever is greater, CRV)
Rotational Life 200 cycles
(4 % ΔTR; 3 % or 3 ohms,
whichever is greater, CRV)
Moisture Sensitivity LevelN/A
ESD Classification (HBM) 2

Physical Characteristics

i nyoloar onarad	
Torque	3.0 oz-in. max.
Mechanical Stops	Wiper idles
Terminals	Solderable pins
Weight	0.03 oz.
MarkingN	lanufacturer's trademark,
resistar	nce code, wiring diagram,
date code, mfr's.	model number and style
Wiper	.50 % (Actual TR) ±10 %
Flammability	U.L. 94V-0
Standard Packaging.	50 pcs. per tube
Adjustment Tool	H-90
Storage Condition	
40 °	C max / 70 % B H max

..... 40 °C max. / 70 % R.H. max.

Product Dimensions



1,000,000 2,000,000 205 Popular values listed in **boldface**. Special resistances available



100 200

500 1,000 2,000

5,000 10,000

20,000 25,000

50,000 100,000 200,000 250,000

500,000

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

202

502 103

203 253

503 104

204 254 504

105

3296Y
$\begin{array}{c c} & & & & \\ \hline \\ \hline$
3296Z
$\begin{array}{c c} 2.54 & -1 & -1.14 \\ \hline (.100) & 3 & -2.54 \\ \hline (.100) & 3 & -2.54 \\ \hline (.100) & -1 & -2.54 \\ \hline (.100) &$
(2) WIPER
DIMENSIONS: MM (INCHES)
TOLERANCES: $\pm \frac{0.25}{(.010)}$ EXCEPT WHERE NOTED
How To Order
3296 W - 1 - 103 LI
Model
Style
Standard or Modified Product Indicator -1 = Standard Product
Resistance Code
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

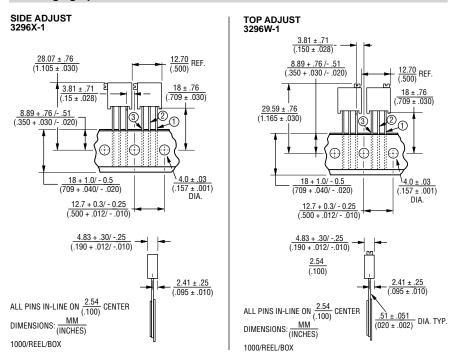
Consult factory for other available options.

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3296 - 3/8 " Square Trimpot® Trimming Potentiometer

BOURNS

Packaging Specifications



Meets EIA Specification 468.

DIMENSIONS: $\frac{MIM}{(INCHES)}$

BOURNS®

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