

#### **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

#### **Additional Information**

Click these links for more information:











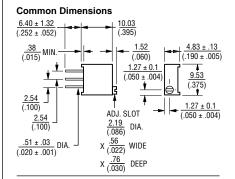
#### **Electrical Characteristics**

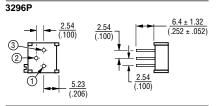
#### **Environmental Characteristics**

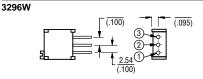
Power Rating (300 volts max.)
70 °C0.5 watt
125 °C0 watt
Temperature Range55 °C to +125 °C
Temperature Coefficient±100 PPM/°C
Seal Test85 °C
HumidityMIL-STD-202 Method 103
96 hours (2 % ΔTR, 10 Megohms IR)
Vibration20 G (1 % ΔTR; 1 % ΔVR)
Shock100 G (1 % ΔTR; 1 % ΔVR)
Load Life 1,000 hours 0.5 watt @ 70 °C
(3 % ΔTR; 3 % or 3 ohms,
whichever is greater, CRV)
Rotational Life
(4 % ΔTR; 3 % or 3 ohms,
whichever is greater, CRV)
Moisture Sensitivity LevelN/A
ESD Classification (HBM)2
• • •

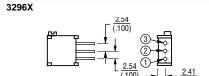
Physical Characte	eristics
Torque	3.0 oz-in. max.
Mechanical Stops	Wiper idles
Terminals	Solderable pins
Weight	0.03 oz.
Marking Mar	ufacturer's trademark,
resistance	code, wiring diagram,
date code, mfr's. m	odel number and style
Wiper50	) % (Actual TR) ±10 %
Flammability	U.L. 94V-0
Standard Packaging	
Adjustment Tool	H-90
Storage Condition	
40 °C	max / 70 % B H max

#### **Product Dimensions**









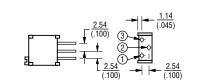
#### **Standard Resistance Table**

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

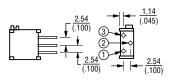
Popular values listed in boldface. Special resistances available

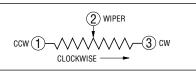


### 3296Y



#### 3296Z

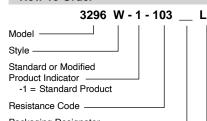




DIMENSIONS:

TOLERANCES: ± EXCEPT WHERE NOTED

#### **How To Order**



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.

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

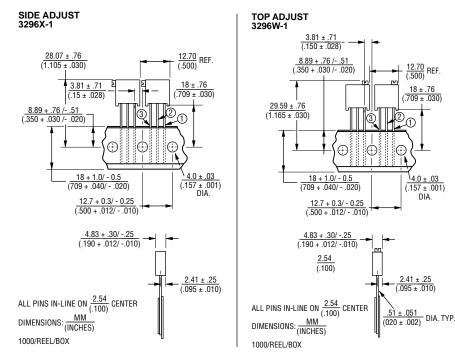
Consult factory for other available options.

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# 3296 - 3/8 "Square Trimpot® Trimming Potentiometer

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### **Packaging Specifications**



Meets EIA Specification 468.

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REV. 07/24

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