**3296 - 3/8” Square Trimpot® Trimming Potentiometer**

### Features
- Multiturn / Cermant / 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 RJJ24 per High-Rel MIL-R-39035
- Mounting hardware available (H-117P)
- RoHS compliant* version available
- For trimmer applications/processing guidelines, click here

### Electrical Characteristics

#### Standard Resistance Range
- 10 ohms to 2 megohms (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 % or 2 ohms max. (whichever is greater)

#### Adjustability
- Voltage: ±0.01 %
- Resistance: ±0.05 %
- Resolution: Infinite
- Insulation Resistance: 500 vdc.
- ±100 ppm/°C
- 25 turns nom.

### Mechanical Stops
- Wiper idles

### Torque
- 3.0 oz-in. max.

### Seal Test
- 85 °C Fluorinert†

### Temperature Range
- -55 °C to +125 °C
  - 125 °C: 0 watt

### Environmental Characteristics

#### Power Rating (300 volts max.)
- 70 °C: 0.5 watt
- 125 °C: 0 watt

#### Temperature Range
- -55 °C to +125 °C

#### Temperature Coefficient
- ±100 ppm/°C

#### Salt Test
- 85 °C Fluorinert†

#### Humidity
- MIL-STD-202 Method 103

#### Load Life
- 1,000,000 cycles 0.5 watt @ 70 °C

#### Shock
- 100 G (1 %)

#### Vibration
- 20 G (1 %)

#### Flammability
- U.L. 94V-0

### Moisture Sensitivity Level
- N/A

### Common Dimensions

<table>
<thead>
<tr>
<th>6.40 ± 0.32 (252 ± 0.052)</th>
<th>10.03 (395)</th>
<th>4.83 ± 0.13 (190 ± 0.051)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.54 ± 0.015 (100)</td>
<td>2.54 (100)</td>
<td>51 ± 0.103 (100 ± 0.001)</td>
</tr>
<tr>
<td>ADJ. SLOT</td>
<td>DIA</td>
<td>X 50 WIDE</td>
</tr>
<tr>
<td></td>
<td></td>
<td>X 20 DEEP</td>
</tr>
</tbody>
</table>

#### 3296P

#### 3296W

#### 3296X

#### 3296Y

#### 3296Z

### How To Order

- 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)

#### Terminations
- LF = 100 % Tin-plated (RoHS compliant)

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

#### Consult factory for other available options.

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**WARNING**

Cancer and Reproductive Harm
www.P65Warnings.ca.gov


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3296 - 3/8" Square Trimpot® Trimming Potentiometer

Packaging Specifications

**SIDE ADJUST**
3296X-1

**TOP ADJUST**
3296W-1

Meets EIA Specification 468.
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