Features

- Multiturn / Cermet / Industrial / Sealed
- Standoffs allow thorough PC board washing
- Tape and reel packaging available
- Patent #4427966 drive mechanism
- RoHS compliant version available

3266 - 1/4” Square Trimming Potentiometer

Electrical Characteristics

Standard Resistance Range

- 10 to 1 megohm (see standard resistance table)
- Resistance Tolerance: ±10% std.
- Absolute Minimum Resistance: 1% or 2 ohms max.
- Contact Resistance Variation: 3.0% or 3 ohms max.
- (whichever is greater)
- Adjustability
- Voltage: ±0.02%
- Resistance: ±0.05%
- Resolution: Infinite

Dielectric Strength
- Insulation Resistance: 500 Vdc.
- Effective Travel: 12 turns nom.

Dielectric Strength
- Temperature Coefficient: ±100 ppm/°C
- Temperature Range: -55°C to +150°C
- Power Rating (300 volts max.):
  - 70°C: 0.25 watt
  - 150°C: 0 watt
- Absolute Minimum Resistance:
  - 1,000 hours 0.25 watt
  - 70°C: 0.25 watt

Environmental Characteristics

- Humidity: MIL-STD-202 Method 103
- Marking: Manufacturer’s
- Weight: 0.015 oz.
- Terminals: Solderable pins
- Torque: 3.0 oz-in. max.
- Seals Test: 85°C Fluorinert†

Physical Characteristics

- Torque: 3.0 oz-in. max.
- Mechanical Stops: Wiper idles
- Terminals: Solderable pins
- Weight: 0.015 oz.
- Marking: Manufacturer’s trademark, resistance code, wiring diagram, date code, manufacturer’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

Tolerances: ±0.25% (0.010) except where noted

Dimensions are: mm (inches)

How to Order

Model
- 3266 W 1 103 LF

Style
- Standard or Modified
- Product Indicator

Resistance Code
- R = Tape and Reel (Z and Y Pin Styles Only)
- A = Ammo Pack (Z and Y Pin Styles Only)

Packaging Designator
- Blank = Tube (Standard)
- LF = 100% Tin-plated (RoHS Compliant)
- Blank = 90% Tin / 10% Lead-plated (Standard)

Consult factory for other available options.

†Fluorinert® is a registered trademark of 3M Co.
Specifications are subject to change without notice.
Customers should verify actual device performance in their specific applications.
### 3266 - 1/4” Square Trimming Potentiometer

#### Standard Resistance Table

<table>
<thead>
<tr>
<th>Resistance (Ohms)</th>
<th>Resistance Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>100</td>
</tr>
<tr>
<td>20</td>
<td>200</td>
</tr>
<tr>
<td>50</td>
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<tr>
<td>1,000</td>
<td>102</td>
</tr>
<tr>
<td>2,000</td>
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<td>502</td>
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<tr>
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<tr>
<td>500,000</td>
<td>504</td>
</tr>
<tr>
<td>1,000,000</td>
<td>105</td>
</tr>
</tbody>
</table>

Popular distribution resistance values listed in boldface. Special resistances available.

#### Packaging Specifications

**SIDE ADJUST 3266Z-1**

- **Ref.:** 3.81 ± 0.71
  - (1.50 ± 0.025)
- **DIA.:** 12.7 ± 0.25
  - (500 ± 0.010)
- **Dimensions:** 2.54 ± 0.025
  - (1.00 ± 0.010)
- **TYP.:** 43 ± 0.006
  - (1.70 ± 0.002)
- **ALL PINS IN-LINE ON CENTER: 1000/REEL/BOX**

**TOP ADJUST 3266Y-1**

- **Ref.:** 3.81 ± 0.71
  - (1.50 ± 0.025)
- **DIA.:** 12.7 ± 0.25
  - (500 ± 0.010)
- **Dimensions:** 2.54 ± 0.025
  - (1.00 ± 0.010)
- **TYP.:** 43 ± 0.006
  - (1.70 ± 0.002)
- **ALL PINS IN-LINE ON CENTER: 1000/REEL/BOX**

Meets EIA Specification 468.

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**Specifications**

Specifications are subject to change without notice.

Customers should verify actual device performance in their specific applications.