Features

- 3/8" Square/ Multiturn / Cermet Industrial / Sealed
- Designed for operational amplifier offset voltage adjustment applications
- Reduces power supply drift errors
- Unique center tapped trimming potentiometer

Model 3296-OT1 is obsolete and not recommended for new designs.

- Vertical and horizontal adjust types available
- Mounting hardware available
- RoHS compliant* version available
- For trimmer applications/processing guidelines, click here

3296-OT1 - 3/8" Square Trimpot® Trimming Potentiometer

Electrical Characteristics

Standard Resistance Range
(Pin 1 to Pin 3)

- 100 ohms to 1 megohm (see standard resistance table)

Resistance Tolerance
+20 % std.

Absolute Minimum Resistance
2 ohms max.

Voltage Output Variation
+0.25 %

Adjustability (VR)
±0.025 %

Insulation Resistance
500 vdc.

Dielectric Strength
Sea Level
900 vac
70,000 Feet
350 vac

Effective Electrical Travel, Nom.
25 turns

Center Tap Resistance
2 ohms max.

Center Tap Electrical Center
±5 %

Center Tap Dead Band
0.5 turn

Environmental Characteristics

Power Rating
70 °C
0.5 watt

125 °C
0 watt

Temperature Range
-55 °C to +125 °C

Temperature Stability (AVR)
±0.5 % max.

Seal Test
85 °C Fluorinert†

Humidity
MIL-STD-202 Method 103
96 hours
10 megohms min.

Vibration, 20 G
±1 % ΔTR

Shock, 100 G
±1 % ΔTR

Load Life, 1,000 Hours
±3 % ΔTR

Rotational Life, 200 cycles
±4 % ΔTR

Physical Characteristics

Torque
3.0 oz.-in. max.

Mechanical Stops
Wiper idles

Terminals
Solderable pins

Weight
0.03 oz.

Marking
Manufacturer's trademark, resistance code, wiring diagram, date code, manufacturer's model number and style

Flammability
U.L. 94V-0

Standard Packaging
50 pcs. per tube/tray

Adjustment Tool
H-90

How To Order

3296 X - OT1 - 103 LF

Model
Style
Catalog Product
Resistance Code
Terminations
LF = 100 % Tin-plated (RoHS compliant)
Blank = 90 % Tin / 10 % Lead-plated
(Standard)

Suggested Offset Voltage Adjustment Circuit

How To Order

Model
Style
Catalog Product
Resistance Code
Terminations
LF = 100 % Tin-plated (RoHS compliant)
Blank = 90 % Tin / 10 % Lead-plated
(Standard)

3296 X - OT1 - 103 LF

Also see Model 3386-OT1.

REV. 10/11

*“Trimpot” is a registered trademark of Bourns, Inc.
†“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.