Features
- Single-Turn / Cermet / Industrial / Sealed
- Designed for operational amplifier offset voltage adjustment applications
- Reduces power supply drift errors
- Unique center tapped trimming potentiometer
- Vertical adjust type available
- RoHS compliant* version available
- For trimmer applications/processing guidelines, click here

3386-OT1 - 3/8" Square Trimpot® Trimming Potentiometer

Electrical Characteristics
Standard Resistance Range
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 1,000 megohms min.
Dielectric Strength
Sea Level 900 vac
Effective Electrical Travel 280 ° nom.
Center Tap Resistance 2 ohms max.
Center Tap Electrical Center ±5 %
Center Tap Dead Band ±6 °±4 °

Environmental Characteristics
Power Rating
85 °C 0.5 watt
-150 °C 0 watt
Temperature Range -55 °C to +150 °C
Temperature Stability (ΔPR) ±0.5 % max.
Seal Test 85 °C Fluorinert† 10 Megohms min.
Humidity MIL-STD-202 Method 103 96 hours ±2 %
ΔTR 10 Megohms min.
Vibration, 30 G ±1 % ΔTR
Shock, 100 G ±1 % ΔTR
Load Life, 1,000 Hours ±3 % ΔTR
Rotational Life, 200 cycles ±4 % ΔTR

Physical Characteristics
Mechanical Angle 310 ° nom.
Torque 5.0 oz-in. max.
Stop Strength 15.0 oz-in. min.
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

Also see Model 3296-OT1.

Model 3386-OT1 is obsolete and not recommended for new designs.

Suggested Offset Voltage Adjustment Circuit

How To Order

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.