

Features

- 3/4 "Rectangular / Multiturn / Cermet / Industrial / Sealed
- Low PC board profile only 1/4 "high
- Panel mount option available
- Transparent housing available, can be set visually without hook-up and instrumentation ("P" style only)
- RoHS compliant* version available
- For trimmer applications/processing guidelines, click here

Physical Characteristics

Torque......5.0 oz-in. max.

Mechanical StopsWiper idles TerminalsSolderable pins Weight 0.04 oz. Marking......Manufacturer's

Wiper 50 % (Actual TR) ±10 %

trademark, resistance code, terminal numbers, date code,

manufacturer's model number

and style

3006 - Trimpot® Trimming Potentiometer

Additional Information

Click these links for more information:











SAMPLES INVENTORY

CONTACT

TECHNICAL LIBRARY

Electrical Characteristics

Standard Resistance Range10 to 5 megohms

(see standard resistance table) Resistance Tolerance±10 % std.

(tighter tolerance available)

Absolute Minimum Resistance

.....1.0 % or 2 ohms max. (whichever is greater)

Contact Resistance Variation

.....1.0 % or 1 ohm max. (whichever is greater)

Adjustability

Voltage±0.01 % Resistance±0.05 % Resolution......Infinite Insulation Resistance 500 VDC 1,000 megohms min.

Dielectric Strength

Sea Level1,000 VAC 80,000 Feet.....250 VAC Adjustment Angle.....15 turns nom.

Environmental Characteristics

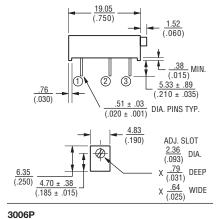
Power Rating (400 volts max.) 70 °C 0.75 watt 125 °C 0 watt Temperature Range.... -55 °C to +125 °C Temperature Coefficient ±100 PPM/°C Seal Test.....85 °C Humidity...... MIL-STD-202 Method 103 (3 % Δ TR, 20 Megohms IR) Vibration 20 G (2 % ΔTR; 2 % ΔVR) Shock......50 G (2 % ΔTR; 2 % ΔVR) Load Life..... 1,000 hours 0.75 watt 70 °C (4 % Δ TR) Rotational Life......200 cycles

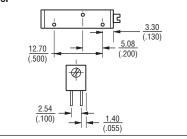
(055) (700)7.62 (.300)

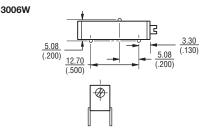
3006Y

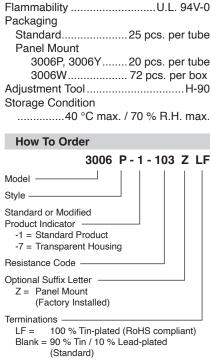
Product Dimensions

Common Dimensions

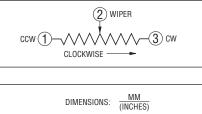








Consult factory for other available options.



TOLERANCES: ± EXCEPT WHERE NOTED



WARNING Cancer and Reproductive Harm www.P65Warnings.ca.gov

*RoHS Directive 2015/863, Mar. 31, 2015 and Annex

"Trimpot" is a registered trademark of Bourns, Inc.

Specifications are subject to change without notice.

Users should verify actual device performance in their specific applications

(3 % ΔTR; 1 % or 1 ohm, whichever is greater, CRV)

3006 – Trimpot® Trimming Potentiometer

BOURNS

Standard Resistance Table

Resistance Code
100
200
500
101
201
501
102
202
502
103
203
253
503
104
204
254
504
105
205

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

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