

Features

- Multiturn / Cermet / Industrial / Sealed
- Low temperature coefficient: ±100 ppm/°C
- Stable, infinite resolution cermet element
- CRV 1.0 % or 1 ohm
- Panel mount option available
- RoHS compliant* version available

■ For trimmer applications/processing guidelines, click here

3009 - 3/4 "Rectangular Trimpot® Trimming Potentiometer

Electrical Characteristics

Standard Resistance Range10 to 2 megohms (see standard resistance table) Resistance Tolerance ±10 % std. (tighter tolerance available) Absolute Minimum Resistance1.0 % or 2 ohms max. (whichever is greater) Contact Resistance Variation1.0 % or 1 ohm max. (whichever is greater) Adjustability Voltage±0.01 % Resistance ±0.05 % Resolution.....Infinite Insulation Resistance500 vdc 100 megohms min. Dielectric Strength

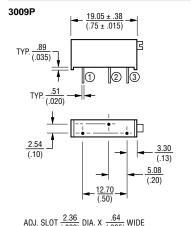
Environmental Characteristics

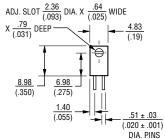
Sea Level1,000 vac 80,000 Feet250 vac Adjustment Angle......15 turns nom.

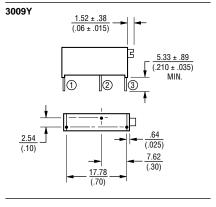
Environmental Characteristics
Power Rating (400 volts max.)
70 °C0.75 watt
150 °C0 watt
Temperature Range55 °C to +125 °C
Temperature Coefficient
±100 ppm/°C
Seal Test85 °C
HumidityMIL-STD-202 Method 103
96 hours
(3 % ΔTR, 20 megohms IR)
Vibration 20 G (2 % ΔTR; 2 % ΔVR)
Shock 50 G (2 % ΔTR; 2 % ΔVR)
Load Life
1,000 hours, 0.75 watt @ 70 °C
(4 % ΔTR)
Rotational Life200 cycles
(3 % ΔTR; 1 % or 1 ohm,
whichever is greater, CRV)

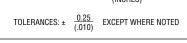
Physical Characteristics
Torque5.0 oz-in. max.
Mechanical Stops Wiper idles
TerminalsSolderable pins
Weight0.05 oz.
Marking Manufacturer's
trademark, resistance code,
terminal numbers, date code,
manufarotude l'isumber
and style
Standard Packaging 25 pcs. per tube

Product Dimensions

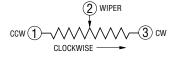








DIMENSIONS:



Additional Information

Click these links for more information:







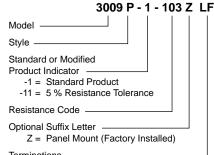




Standard Resistance Table

Resistance (Ohms)	Resistance Code
10	100
20	200
50	500
100	101
200	201
500	501
1,000	102
2,000	202
5,000	502
10,000	103
20,000	203
25,000	253
50,000	503
100,000	104
200,000	204
250,000	254
500,000	504
1,000,000	105
2,000,000	205

How To Order



LF = 100 % Tin-plated (RoHS compliant) Blank = 90 % Tin / 10 % Lead-plated (Standard)

Consult factory for other available options.

REV. 06/24

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

[&]quot;Trimpot" is a trademark of Bourns, Inc.

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