

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

3009 - 3/4 " Rectangular Trimpot® Trimming Potentiometer

Electrical Characteristics

Standard Resistance Range		
(see standard resistance table)		
Resistance Tolerance		
(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		
Resistance ±0.05 %		
Resolution Infinite		
Insulation Resistance		
100 megohms min.		
Dielectric Strength		
Sea Level1,000 vac		
80,000 Feet250 vac		
Adjustment Angle 15 turns nom.		
Environmental Characteristics		

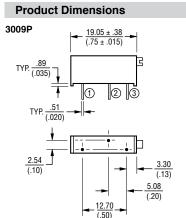
Environmental

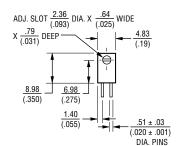
Power Rating (400 volts max.)
70 °C0.75 watt
150 °C0 watt
Temperature Range55 °C to +125 °C
Temperature Coefficient
±100 ppm/°C
Seal Test
HumidityMIL-STD-202 Method 103
96 hours
$(3 \% \Delta TR, 20 megohms IR)$
Vibration
Shock 50 G (2 % Δ TR; 2 % Δ VR)
Load Life
1,000 hours, 0.75 watt @ 70 °C
(4 % ΔTR)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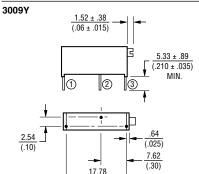
Physical Characteristics

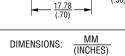
Torque	5.0 oz-in. max.
Mechanical Stops	Wiper idles
Terminals	Solderable pins
Weight	0.05 oz.
Marking	Manufacturer's
trademar	k, resistance code,
terminal n	umbers, date code,
manufactur	er's model number
	and style
Standard Packaging	25 pcs. per tube





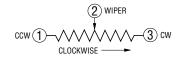






DIMENSIONS:

0.25 TOLERANCES: EXCEPT WHERE NOTED (.010)



REV. 08/19

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

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†"Fluorinert" is a registered trademark of 3M Co.

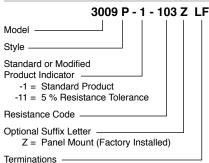
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Resistance Code
100 200 500 101 201 501 102 202 502 103 203 203 203 203 203 203 203 203 203 2

■ For trimmer applications/processing

guidelines, click here

How To Order



LF = 100 % Tin-plated (RoHS compliant)

Blank = 90 % Tin / 10 % Lead-plated (Standard)

Consult factory for other available options.

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