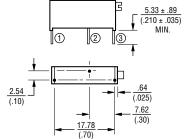


Features

- 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

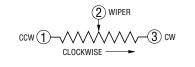
3009 - 3/4 " Rectangular Trimpot® Trimming Potentiometer

Product Dimensions 3009P 19.05 ± .38 (.75 ± .015) TYP. (.035) 03 ⓓ TYP. (.020) 2.54 3.30 (.10)(.13)5.08 (.20) $\frac{12.70}{(50)}$ ADJ. SLOT $\frac{2.36}{(.093)}$ DIA. X $\frac{.64}{(.025)}$ WIDE DEEP 4.83 (.19) 8.98 6.98 (.350) (.275) 1.40 .51 ± .03 (.055) (.020 ± .001) DIA. PINS 3009Y 1.52 ± .38 (.06 ± .015) MIN. 2 1 .64 2.54 (.10) (.025)



MM (INCHES) DIMENSIONS:

0.25 (.010) TOLERANCES: ± EXCEPT WHERE NOTED



Additional Information

Click these links for more information:

■ For trimmer applications/processing

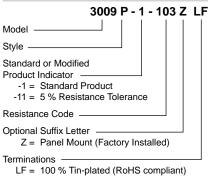
guidelines, click here



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



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

Consult factory for other available options.

Electrical Characteristics

Standard Resistance I		
	10 to 2 megohms	
(see standard resistance table)		
Resistance Tolerance ±10 % std.		
(tighter t	olerance available)	
Absolute Minimum Re	sistance	
	0 % or 2 ohms max.	
	hichever is greater)	
Contact Resistance Va	richever is greater)	
	.0 % or 1 ohm max.	
	hichever is greater)	
Adjustability		
	±0.01 %	
	±0.05 %	
Resolution		
Insulation Resistance	500 vdc	
	100 megohms min.	
Dielectric Strength	0	
Sea Level	1,000 vac	
	250 vac	
Adjustment Angle	15 turns nom	
/ lajuourient/ inglo		
Environmental Ch	aracteristics	
Power Rating (400 vol	ts max.)	
Power Rating (400 vol	ts max.)	
Power Rating (400 vol 70 °C	ts max.) 0.75 watt	
Power Rating (400 vol 70 °C 150 °C	ts max.) 0.75 watt 0 watt	
Power Rating (400 vol 70 °C 150 °C Temperature Range	ts max.) 0.75 watt 0 watt 55 °C to +125 °C	
Power Rating (400 vol 70 °C 150 °C Temperature Range Temperature Coefficie	ts max.) 0.75 watt 0 watt 55 °C to +125 °C nt	
Power Rating (400 vol 70 °C 150 °C Temperature Range Temperature Coefficie	ts max.) 0.75 watt 0 watt 55 °C to +125 °C nt ±100 ppm/°C	
Power Rating (400 vol 70 °C 150 °C Temperature Range Temperature Coefficie Seal Test	ts max.) 0.75 watt 55 °C to +125 °C nt ±100 ppm/°C 85 °C	
Power Rating (400 vol 70 °C 150 °C Temperature Range Temperature Coefficie	ts max.) 0.75 watt 55 °C to +125 °C nt ±100 ppm/°C 85 °C TD-202 Method 103	
Power Rating (400 vol 70 °C 150 °C Temperature Range Temperature Coefficie Seal Test HumidityMIL-S	ts max.) 0.75 watt 55 °C to +125 °C nt ±100 ppm/°C 85 °C TD-202 Method 103 96 hours	
Power Rating (400 vol 70 °C 150 °C Temperature Range Temperature Coefficie Seal Test HumidityMIL-S	ts max.) 0.75 watt 55 °C to +125 °C nt ±100 ppm/°C 85 °C TD-202 Method 103 96 hours R, 20 megohms IR)	
Power Rating (400 vol 70 °C 150 °C Temperature Range Temperature Coefficie Seal Test HumidityMIL-S (3 % ΔTI Vibration	ts max.) 0.75 watt 55 °C to +125 °C nt ±100 ppm/°C 85 °C TD-202 Method 103 96 hours R, 20 megohms IR) 2 % ∆TR; 2 % ∆VR)	
Power Rating (400 vol 70 °C	ts max.) 0.75 watt 55 °C to +125 °C nt ±100 ppm/°C 85 °C TD-202 Method 103 96 hours R, 20 megohms IR) 2 % ∆TR; 2 % ∆VR)	
Power Rating (400 vol 70 °C	ts max.) 0.75 watt 55 °C to +125 °C nt ±100 ppm/°C TD-202 Method 103 96 hours R, 20 megohms IR) 2 % ΔTR; 2 % ΔVR)	
Power Rating (400 vol 70 °C	ts max.) 0.75 watt 55 °C to +125 °C nt ±100 ppm/°C 85 °C TD-202 Method 103 96 hours R, 20 megohms IR) 2 % ΔTR; 2 % ΔVR) 2 % ΔTR; 2 % ΔVR) s, 0.75 watt @ 70 °C	
Power Rating (400 vol 70 °C 150 °C Temperature Range Temperature Coefficie Seal Test HumidityMIL-S (3 % ΔTI Vibration20 G (Shock	ts max.) 0.75 watt 0 watt 55 °C to +125 °C nt ±100 ppm/°C 85 °C TD-202 Method 103 96 hours R, 20 megohms IR) 2 % ∆TR; 2 % ∆VR) 2 % ∆TR; 2 % ∆VR) s, 0.75 watt @ 70 °C (4 % ∆TR)	
Power Rating (400 vol 70 °C 150 °C Temperature Range Temperature Coefficie Seal Test HumidityMIL-S (3 % ΔTI Vibration20 G (Shock	ts max.) 0.75 watt 0 watt 55 °C to +125 °C nt ±100 ppm/°C 85 °C TD-202 Method 103 96 hours R, 20 megohms IR) 2 % ∆TR; 2 % ∆VR) 2 % ∆TR; 2 % ∆VR) s, 0.75 watt @ 70 °C (4 % ∆TR)	
Power Rating (400 vol 70 °C 150 °C Temperature Range Temperature Coefficie Seal Test HumidityMIL-S (3 % ΔTI Vibration20 G (Shock	ts max.) 0.75 watt 55 °C to +125 °C nt ±100 ppm/°C 85 °C TD-202 Method 103 96 hours R, 20 megohms IR) 2 % ΔTR; 2 % ΔVR) 2 % ΔTR; 2 % ΔVR) 3, 0.75 watt @ 70 °C (4 % ΔTR) 	
Power Rating (400 vol 70 °C 150 °C Temperature Range Temperature Coefficie Seal Test HumidityMIL-S (3 % ΔTI Vibration20 G (Shock	ts max.) 0.75 watt 55 °C to +125 °C nt ±100 ppm/°C 85 °C TD-202 Method 103 96 hours R, 20 megohms IR) 2 % ΔTR; 2 % ΔVR) 2 % ΔTR; 2 % ΔVR) 3, 0.75 watt @ 70 °C (4 % ΔTR) 	
Power Rating (400 vol 70 °C 150 °C Temperature Range Temperature Coefficie Seal Test HumidityMIL-S (3 % ΔTI Vibration20 G (Shock	ts max.) 0.75 watt 55 °C to +125 °C nt ±100 ppm/°C 85 °C TD-202 Method 103 96 hours R, 20 megohms IR) 2 % ΔTR; 2 % ΔVR) 2 % ΔTR; 2 % ΔVR) 3, 0.75 watt @ 70 °C (4 % ΔTR) 	

Physical Characteristics

Torque	5.0 oz-in. max.
Mechanical Stops	Wiper idles
Terminals	Solderable pins
Weight	0.05 oz.
Marking	Manufacturer's
trademark	k, resistance code,
terminal nu	mbers, date code,
ma	nufanntar de la sumber
	and style
Standard Packaging	25 pcs. per tube



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

REV. 06/24

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

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