

Features

- 1-1/4 "Rectangular / Multiturn Cermet / Industrial / Sealed
- Panel mount option available
- <u>Listed on the QPL</u> for style <u>RJ12</u> per MIL-PRF-22097
- RoHS compliant* version available

■ For trimmer applications/processing guidelines, <u>click here</u>

3059 - Trimpot® Trimming Potentiometer

Electrical Characteristics

Std. Resistance Range..10 to 2 megohms (see standard resistance table) Resistance Tolerance ±10 % std. (tighter tolerance available) Absolute Minimum Resistance1 % 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 % ResolutionInfinite Insulation Resistance500 vdc. 1,000 megohms min.

Environmental Characteristics

Power Rating @ 70 °C (400 volts max.) Power Rating @ 150 °C 0 watt Temperature Range ... -55 °C to +150 °C Temperature Coefficient ... ±100 ppm/°C Seal Test85 °C Fluorinert† (pin styles only) HumidityMIL-STD-202 Method 106 (2 % Δ TR, 10 Megohms IR) Vibration 20 G (1 % ΔTR; 1 % ΔVR) Shock 50 G (1 % ΔTR; 1 % ΔVR) Load Life. 1,000 hours 1.0 watt @ 70 °C(3 % Δ TR; 1% or 1 ohms, whichever is greater, CRV) Rotational Life200 cycles (2 % ΔTR; 1 % or 1 ohm, whichever is greater, CRV)

Physical Characteristics



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

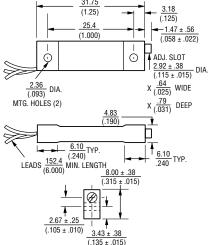
REV. 08/19

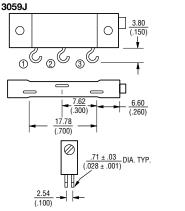
*RoHS Directive 2015/863, Mar. 31, 2015 and Annex "Trimpot" is a trademark of Bourns, Inc.

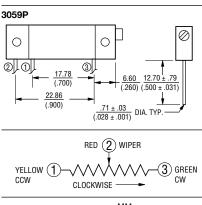
†"Fluorinert" is a registered trademark of 3M Co.

Product Dimensions

3059L Common Dimensions

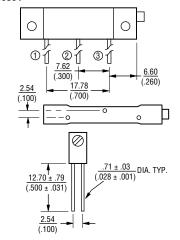






DIMENSIONS:	MM (INCHES) - EXCEPT WHERE NOTED
TOLERANCES: ± (.010)	

3059Y

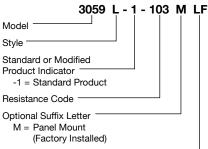


Standard Resistance Table

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

Popular distribution values listed in boldface. Special resistances available.

How To Order



Terminations 1

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

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