

Features

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

Additional Information

Click these links for more information:



3059 – Trimpot[®] Trimming Potentiometer

Electrical Characteristics

Std. Resistance Range 10 to 2 megohms		
(see standard resistance table) Resistance Tolerance		
(tighter tolerance available)		
Absolute Minimum Resistance		
1 % 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 %		
ResolutionInfinite		
Insulation Resistance 500 VDC		
1,000 megohms min.		
Dielectric Strength		
Sea Level		
70,000 Feet		
Effective Travel		
Environmental Characteristics		

4.0
1.0 watt
Power Rating @ 150 °C 0 watt
Temperature Range55 °C to +150 °C
Temperature Coefficient ±100 ppm/°C
Seal Test
Humidity MIL-STD-202 Method 106
$(2 \% \Delta TR, 10 Megohms IR)$
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 % ΔTR; 1% or 1 ohms,
whichever is greater, CRV)
Rotational Life200 cycles
(2 % ∆TR; 1 % or 1 ohm,
whichever is greater, CRV)

Physical Characteristics

Torque
model number and style
Wiper 50 % (Actual TR) ±10 %
FlammabilityU.L. 94V-0
Standard Packaging
P&Y Styles 10 pcs. per tube L&J Styles 25 pcs. per bag Adjustment Tool

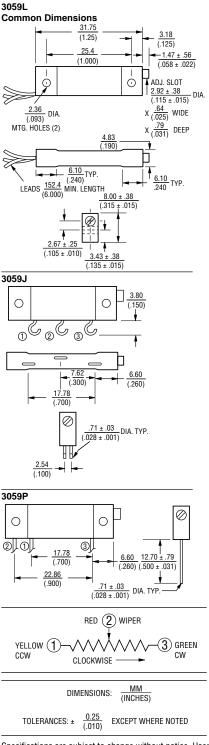


WARNING Cancer and Reproductive Harm www.P65Warnings.ca.gov

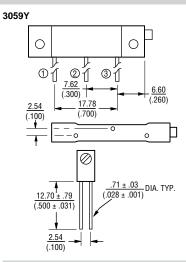
REV. 08/24

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

Product Dimensions



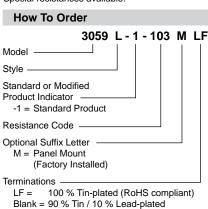
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Standard Resistance Table

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.



______ (Standard) Specifications are subject to change without notice. Users should verify actual device performance in their specific applications. The products described herein and this document are subject to specific legal disclaimers as set forth on the

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