

### **Features**

- Four-Turn / Cermet / Industrial / Sealed
- Unique planetary drive offers precise wiper setting of a multiturn in a single-turn package size
- Top and side adjust styles
- RoHS compliant\* version available

■ For trimmer applications/processing guidelines, click here

# 3339 - 5/16 "Round Trimpot® Trimming Potentiometer

#### **Electrical Characteristics**

Standard Resistance Range ......10 to 1 megohm (see standard resistance table) Resistance Tolerance ......±10 % std. (tighter tolerance available) Absolute Minimum Resistance ......1 % or 2 ohms max. (whichever is greater) Contact Resistance Variation ...... 3 % or 3 ohms max. (whichever is greater) Adjustability Voltage ..... ±0.05 % Resistance .....±0.1 % Resolution ...... Infinite Insulation Resistance ......500 vdc. 1,000 megohms min. Dielectric Strength Sea Level...... 600 vac 80,000 Feet ......250 vac Effective Travel .....4 turns nom.

### **Environmental Characteristics**

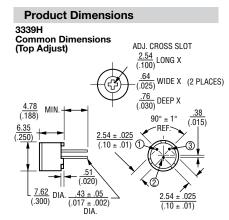
Power Rating (300 volts max.) 85 °C ......0.5 watt 150 °C ...... 0 watt Temperature Range ... -55 °C to +150 °C Temperature Coefficient ... ±100 ppm/°C Seal Test ......85 °C Fluorinert† Humidity ......MIL-STD-202 Method 103 96 hours (3 %  $\Delta$ TR, 10 Megohms IR) Vibration ...... 30 G (1 % ΔTR: 1 % ΔVR) Shock ....... 100 G (1 % ΔTR; 1 % ΔVR) Load Life ..1,000 hours 0.5 watt @ 85 °C (3 % ΔTR; 3 % or 3 ohms, whichever is greater, CRV) Rotational Life ......200 cycles (3 % ΔTR; 3 % or 3 ohms, whichever is greater, CRV)

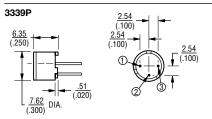
## **Physical Characteristics**

Filysical Offaract	CHOLICO
	3 oz-in. max. Wiper idles
	Solderable pins
Weight	0.02 oz.
	Manufacturer's
tradem	ark, resistance code,
	wiring diagram, date
(	code, manufacturer's
mo	del number and style
	% (Actual TR) ±10 %
	U.L.94V-0
	g50 pcs. per tube
Adjustment Tool	H-90

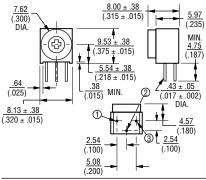
REV. 08/19

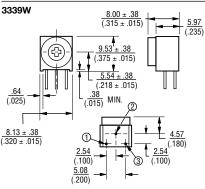


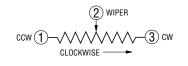




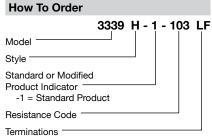
#### 33398 Common Dimensions (Side Adjust)







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



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

Consult factory for other available options.

(Standard)

### **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

Popular distribution resistance values listed in boldface. Special resistances available.

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

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