

### **Features**

- Multiturn / Wirewound / Sealed
- <u>Listed on the QPL</u> for style <u>RT22</u> per MIL-R-27208 and <u>RTR22</u> per High-Rel MIL-R-39015
- Panel mount option available
- RoHS compliant\*

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

# 3250 - 1/2 "Square Trimpot® Trimming Potentiometer

#### **Electrical Characteristics**

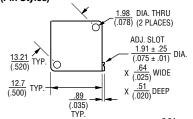
Adjustment Travel......25 turns nom. **Environmental Characteristics** Power Rating @ 85 °C ...... 1.0 watt Power Rating @ 150 °C .....0 watt Temperature Range ... -65 °C to +150 °C Temperature Coefficient ..... ±50 ppm/°C Seal Test ...... 85 °C Fluorinert† (pin styles only) Humidity ......MIL-STD-202 Method 106 (2 % ΔTR; 100 Megohms IR) Vibration ...... 30 G (1 %  $\Delta$ TR; 0.5 % + resolution  $\Delta$ VR) Shock ...... 100 G (1 %  $\Delta$ TR; 0.5 % + resolution  $\Delta$ VR) Load Life ......1,000 hours 1.0 watt @ 85 °C (2 % ΔTR; 500 ohms ENR) Rotational Life ......200 cycles (2 % ΔTR; 500 ohms ENR)

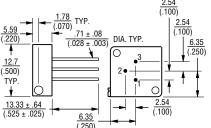
## **Physical Characteristics**

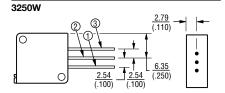
Torque	•
Terminals Solderable printed circuit pins Flexible leads (7 strands of 30 AWG) Weight	
Flexible leads (7 strands of 30 AWG) Weight	Mechanical StopsWiper idles
Weight	•
Machine Screw Mounting Torque	
Torque	
MarkingManufacturer's trademark, resistance code, terminal numbers, date code, manufacturer's model number and style Wiper50 % (Actual TR) ±10 % FlammabilityU.L. 94V-0 Standard Packaging P&W Styles25 pcs. per tube L Style25 pcs. per bag	Machine Screw Mounting
resistance code, terminal numbers, date code, manufacturer's model number and style Wiper	Torque12 oz-in. max.
date code, manufacturer's model number and style Wiper	
number and style Wiper	resistance code, terminal numbers,
Wiper	date code, manufacturer's model
Flammability	number and style
Standard Packaging P&W Styles25 pcs. per tube L Style25 pcs. per bag	Wiper 50 % (Actual TR) ±10 %
P&W Styles25 pcs. per tube L Style25 pcs. per bag	FlammabilityU.L. 94V-0
L Style25 pcs. per bag	Standard Packaging
L Style25 pcs. per bag	P&W Styles25 pcs. per tube
	L Style25 pcs. per bag

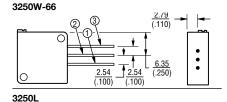
### **Product Dimensions**

3250P Common Dimensions (Pin Styles)

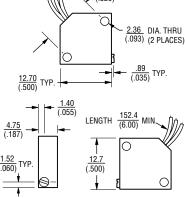








13.21 TYF



# How To Order 3250 L - 1 - 103 M Model Style Standard or Modified Product Indicator -1 = Standard Product Resistance Code

Optional Suffix Letter —

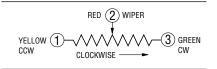
M = Panel Mount - Factory Installed (Only Available for L, W & X Terminal Styles)

Consult factory for other available options.

### **Standard Resistance Table**

Resistance (Ohms)	Resistance Code	Nominal Resolution (Percent)
10	100	1.30
20	200	1.00
50	500	0.80
100	101	0.90
200	201	0.70
500	501	0.60
1,000	102	0.40
2,000	202	0.30
5,000	502	0.25
10,000	103	0.19
20,000	203	0.16
25,000	253	0.14
50,000	503	0.13

Popular values listed in boldface. Special resistances available.



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



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

REV. 08/19

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