

Features

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

■ For trimmer applications/processing guidelines, click here

3250 - 1/2 "Square Trimpot® Trimming Potentiometer

Electrical Characteristics

Standard Resistance Range

.....10 to 50K ohms (see standard resistance table) Resistance Tolerance±5 % std. (tighter tolerance available)

Absolute Minimum Resistance

.....0.1 % or 1 ohm max. (whichever is greater) Noise100 ohms ENR max. Resolution..... See Resistance Table Insulation Resistance 500 VDC 1,000 megohms min. Dielectric Strength

Sea Level1,000 VAC 80,000 Feet......400 VAC 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 (pin styles only) Humidity...... MIL-STD-202 Method 106 (2 % DTR; 100 Megohms IR) Vibration30 G (1 % DTR; 0.5 % + resolution DVR) Shock......100 G (1 % DTR; 0.5 % + resolution DVR) Load Life 1,000 hours 1.0 watt @ 85 °C (2 % DTR; 500 ohms ENR) Rotational Life......200 cycles (2 % DTR; 500 ohms ENR)

Physical Characteristics

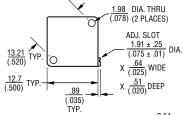
Torque......5.0 oz-in. max. Mechanical Stops Wiper idles Terminals... Solderable printed circuit pins Flexible leads (7 strands of 30 AWG) Weight0.06 oz. Machine Screw Mounting Torque 12 oz-in. max. Marking......Manufacturer's trademark, resistance code, terminal numbers, date code, manufacturer's model number and style Wiper 50 % (Actual TR) ±10 % FlammabilityU.L. 94V-0 Standard Packaging P&W Styles25 pcs. per tube L Style25 pcs. per bag Adjustment Tool H-90

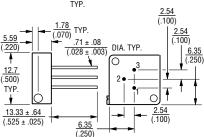


*RoHS Directive 2015/863, Mar. 31, 2015 and Annex "Trimpot" is a registered trademark of Bourns, Inc.

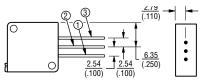
Product Dimensions

3250P **Common Dimensions** (Pin Styles)

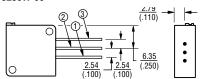




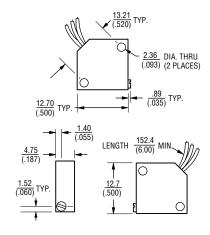
3250W



3250W-66



3250L



Additional Information

Click these links for more information:





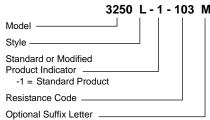






INVENTORY SAMPLES

How To Order



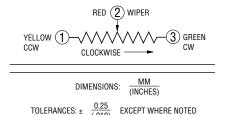
M = Panel Mount - Factory Installed (Only Available for L, W & X Terminal

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.



REV. 06/24

Specifications are subject to change without notice.

Users should verify actual device performance in their specific applications.

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