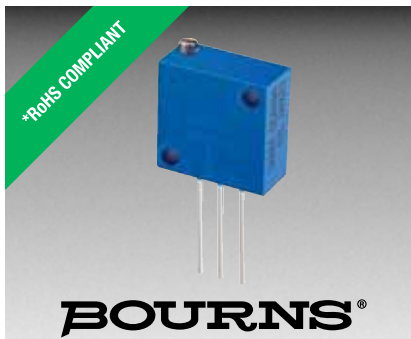




Features

- 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)
Noise	100 ohms ENR max.
Resolution	See Resistance Table
Insulation Resistance	500 VDC
	1,000 megohms min.
Dielectric Strength	
Sea Level	1,000 VAC
80,000 Feet	400 VAC
Adjustment Travel	25 turns nom.

Environmental Characteristics

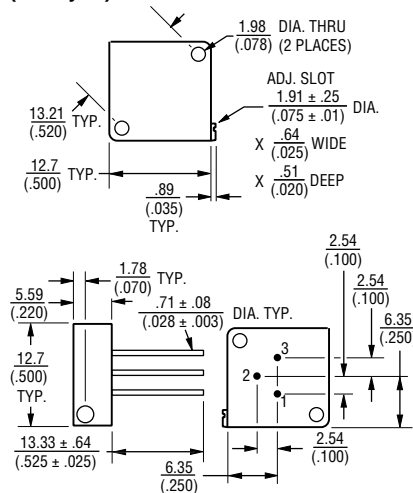
Power Rating @ 85 °C	1.0 watt
Power Rating @ 150 °C	0 watt
Temperature Range	-65 °C to +150 °C
Temperature Coefficient	±50 ppm/°C
Seal Test	85 °C (pin styles only)
Humidity	MIL-STD-202 Method 106
	(2 % DTR; 100 Megohms IR)
Vibration	30 G
	(1 % DTR; 0.5 % + resolution DVR)
Shock	100 G
	(1 % DTR; 0.5 % + 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

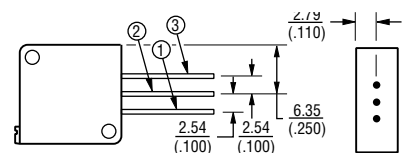
Torque	5.0 oz-in. max.
Mechanical Stops	Wiper idles
Terminals	Solderable printed circuit pins
	Flexible leads (7 strands of 30 AWG)
Weight	0.06 oz.
Machine Screw Mounting	
Torque	12 oz-in. max.
Marking	Manufacturer's trademark,
	resistance code, terminal numbers,
	date code, manufacturer's model
	number and style
Wiper	50 % (Actual TR) ±10 %
Flammability	U.L. 94V-0
Standard Packaging	
P&W Styles	25 pcs. per tube
L Style	25 pcs. per bag
Adjustment Tool	H-90

Product Dimensions

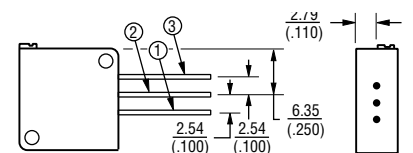
3250P Common Dimensions (Pin Styles)



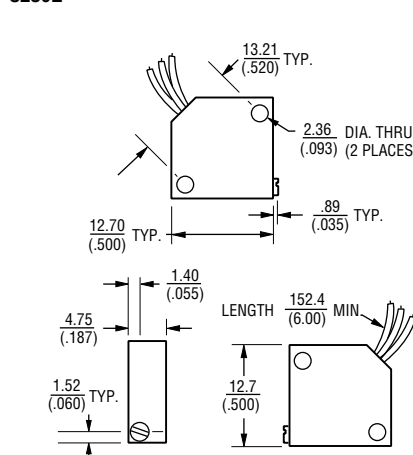
3250W



3250W-66



3250L



Additional Information

Click these links for more information:



How To Order

3250 L - 1 - 103 M

Model _____

Style _____

Standard or Modified _____

Product Indicator _____

-1 = Standard Product

Resistance Code _____

Optional Suffix Letter _____

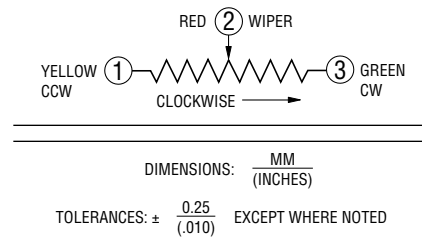
M = Panel Mount - Factory Installed
 (Only Available for L, W & X Terminal Styles)

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.



REV. 06/24



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

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

Specifications are subject to change without notice.

Users should verify actual device performance in their specific applications.

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