

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 Level 1,000 vac
80,000 Feet 400 vac
Adjustment Travel25 turns nom.
Environmental Characteristics

Power Rating @ 85 °C1.0 watt Power Rating @ 150 °C0 watt Temperature Range65 °C to +150 °C Temperature Coefficient ±50 ppm/°C Seal Test
(pin styles only)
Humidity MIL-STD-202 Method 106
(2 % ΔTR; 100 Megohms IR)
Vibration
$(1 \% \Delta TR; 0.5 \% + resolution \Delta VR)$
Shock 100 G
(1 % Δ TR; 0.5 % + resolution Δ VR)
Load Life
(2 % ∆TR; 500 ohms ENR)
Rotational Life
(2 % ∆TR; 500 ohms ENR)

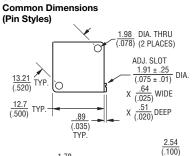
Physical Characteristics

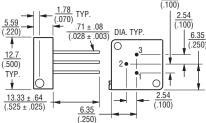
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Torque5.0 oz-in. max. Mechanical StopsWiper idles TerminalsSolderable printed circuit pins
Flexible leads (7 strands of 30 AWG)
Weight 0.06 oz.
Machine Screw Mounting
Torque 12 oz-in. max.
MarkingManufacturer's trademark,
resistance code, terminal 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

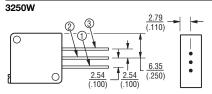


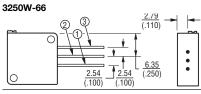
Product Dimensions

3250P

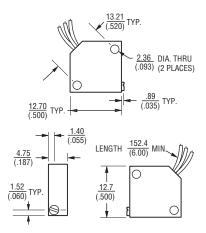








3250L



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:	MM (INCHES)
TOLERANCES: ± 0.25 (.010)	EXCEPT WHERE NOTED

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