

Features

- Single-turn / Wirewound / Industrial / Sealed
- Industrial wirewound
- 1.0 watt power rating at 70 °C
- Available with a thumbwheel and screwdriver slot adjustment
- RoHS compliant*

- For trimmer applications/processing guidelines, [click here](#)

3345 – 1/2" Round Trimpot® Trimming Potentiometer

Electrical Characteristics

Standard Resistance Range10 to 50K ohms
 (see standard resistance table)
 Resistance Tolerance ±5 % std.
 (tighter tolerance available)
 Absolute Minimum Resistance
 1.0 % or 0.5 ohms max.
 (whichever is greater)
 Noise 100 ohms ENR max.
 Resolution
See standard resistance table
 1,000 megohms min.
 Dielectric Strength
 Sea Level1,500 vac
 70,000 Feet350 vac
 Insulation Resistance500 vdc.
 100 megohms min.
 Adjustment Angle.....280 ° nom.

Environmental Characteristics

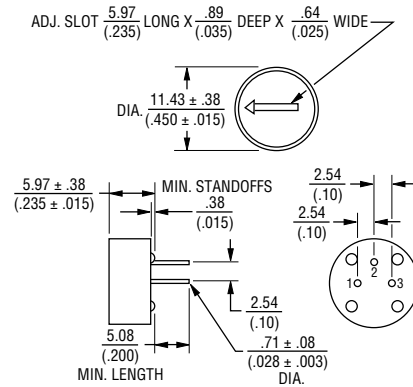
Power Rating
 70 °C 1 watt
 150 °C 0 watt
 Temperature Range..... -55 °C to +150 °C
 Temperature Coefficient ±50 ppm/°C
 Seal Test85 °C Fluorinert†
 HumidityMIL-STD-202 Method 106
 (1 % ΔTR, 10 megohms IR)
 Vibration 30 G (1 % ΔTR; 1 % ΔVR)
 Shock 100 G (1 % ΔTR; 1 % ΔVR)
 Load Life 1,000 hours, 1 watt @ 70 °C
 Rotational Life 200 cycles
 (2 % ΔTR; 500 ohms ENR)

Physical Characteristics

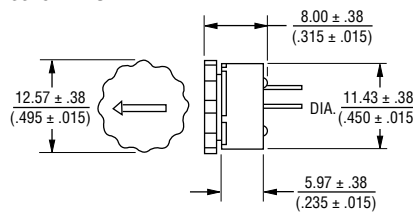
Mechanical Angle310 ° nom.
 Torque 5.0 oz-in. max.
 Stop Strength.....15 oz-in. min.
 Terminals..... Solderable pins
 Weight0.04 oz.
 Marking Manufacturer's
 trademark, resistance code,
 wiring diagram, date code,
 manufacturer's model number
 and style
 Standard Packaging 100 pcs. per bag

Product Dimensions

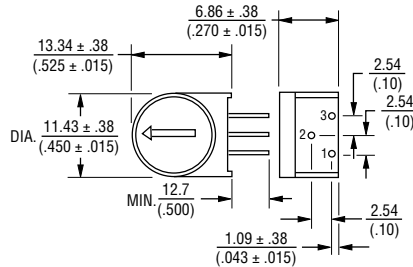
3345P



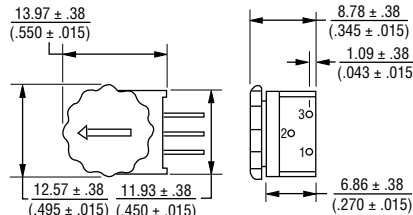
3345P THUMBWHEEL



3345W



3345W THUMBWHEEL



Additional Information

Click these links for more information:



Standard Resistance Table

Resistance (Ohms)	Resistance Code	Nominal Resolution (Percent)
10	100	0.94
20	200	0.76
50	500	0.58
100	101	0.49
200	201	0.49
500	501	0.38
1,000	102	0.30
2,000	202	0.24
5,000	502	0.18
10,000	103	0.14
20,000	203	0.13
50,000	503	0.12

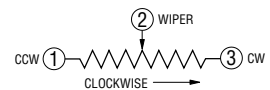
Special resistances available from 10 to 50K ohms.

How To Order

3345 P - 1 - 502 T

Model _____
 Style _____
 Standard Product _____
 Resistance Code _____
 Optional Suffix Letter _____
 T = Thumb Wheel

Consult factory for other available options.



DIMENSIONS: $\frac{\text{MM}}{\text{(INCHES)}}$
 TOLERANCES: ± $\frac{0.25}{(.010)}$ EXCEPT WHERE NOTED

REV. 02/20

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

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Users should verify actual device performance in their specific applications.

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

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