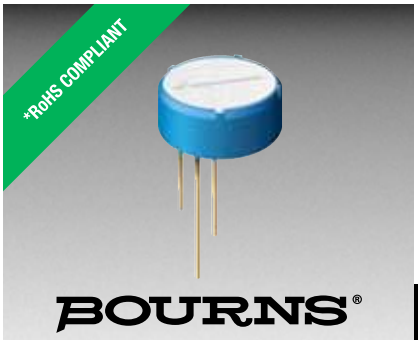


Features

- 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 Range
.....10 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 Level .....1,500 VAC
70,000 Feet .....350 VAC
Insulation Resistance .....500 VDC
100 megohms min.
Adjustment Angle.....280 ° nom.

Environmental Characteristics

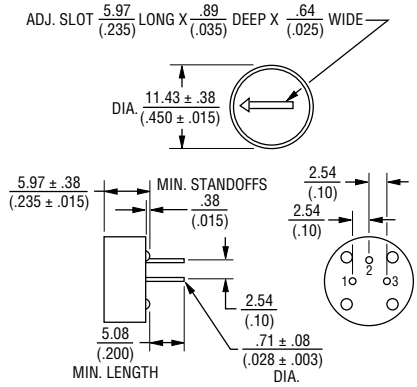
Power Rating
70 °C.....1 watt
150 °C .....0 watt
Temperature Range..... -55 °C to +150 °C
Temperature Coefficient ..... ±50 PPM/°C
Seal Test ..... 85 °C
Humidity .....MIL-STD-202 Method 106
(1 % ΔTR, 10 megohms IR)
Vibration ..... 30 G (1 % ΔTR; 1 % ΔVR)
Shock ..... 100 G (1 % ΔTR; 1 % ΔVR)
Load Life .....1,000 hours, 1 watt @ 70 °C
Rotational Life..... 200 cycles
(2 % ΔTR; 500 ohms ENR)

Physical Characteristics

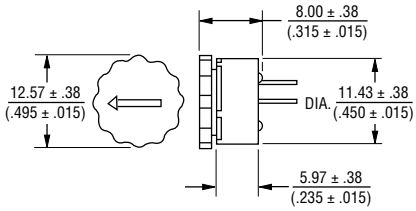
Mechanical Angle .....310 ° nom.
Torque ..... 5.0 oz-in. max.
Stop Strength.....15 oz-in. min.
Terminals..... Solderable pins
Weight .....0.04 oz.
Marking ..... Manufacturer's trademark, resistance code, wiring diagram, date code, manufacturer's model number and style
Standard Packaging ..... 100 pcs. per bag

Product Dimensions

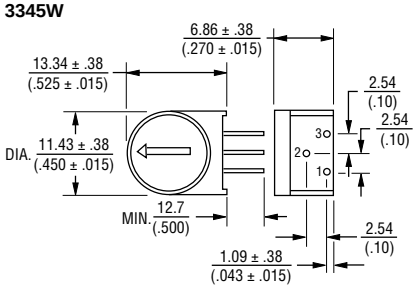
3345P



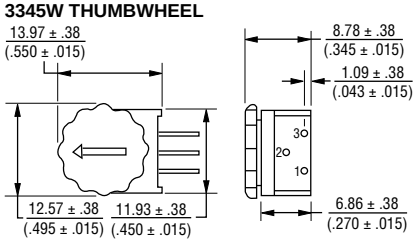
3345P THUMBWHEEL



3345W



3345W THUMBWHEEL



Additional Information

Click these links for more information:

PRODUCT SELECTOR | TECHNICAL LIBRARY | INVENTORY | SAMPLES | CONTACT

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

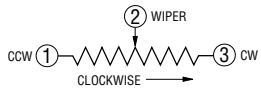
Special resistances available from 10 to 50K ohms.

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

REV. 06/24

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