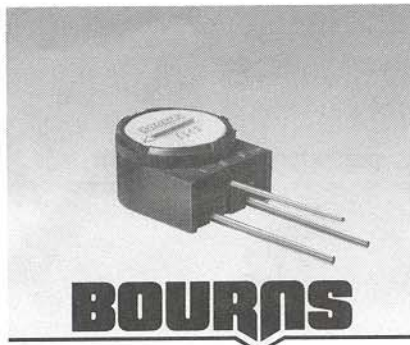




1/2" ROUND / SINGLE-TURN / WIREWOUND INDUSTRIAL / SEALED

- Industrial wirewound
- 1.0 watt power rating at 70°C
- Available with a thumbwheel and screwdriver slot adjustment

BOURNS

Model 3345

Bourns® Trimming Potentiometer

Electrical Characteristics

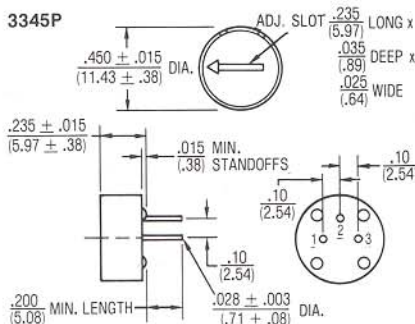
Standard Resistance Range 10 to 50K ohms
(see standard resistance table)
Resistance Tolerance ±5% std.
(tighter tolerance available)
Absolute Minimum Resistance 1.0% or 0.5 ohms max.
(whichever is greater)
Noise 100 ohms ENR max.
Resolution (see standard resistance table)
1,000 megohms min.
Dielectric Strength
Sea Level 1500 vac
70,000 Feet 350 vac
Insulation Resistance 500 vdc.
1,000 megohms min.
Adjustment Angle 280° nom.

Environmental Characteristics

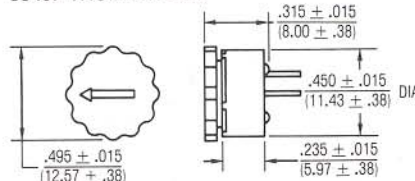
Power Rating
70°C 1.0 watt
150°C 0 watt
Temperature Range -55°C to +150°C
Temperature Coefficient ±50ppm/°C
Seal Test 85°C Fluorinert*
Humidity MIL-STD-202 Method 106
(1% ΔTR; 10 Megohms IR)
Vibration 30G (1% ΔTR; 1% ΔVR)
Shock 100G (1% ΔTR; 1% ΔVR)
Load Life 1,000 hours 1.0 watt @ 70°C
Rotational Life 200 cycles
(2% ΔTR; 500 ohms ENR)

Physical Characteristics

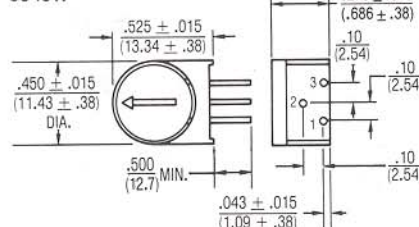
Mechanical Angle 310° nom.
Torque 5.0 oz-in. max.
Stop Strength 15 oz-in. min.
Terminals Solderable pins
Weight 0.04 oz.
Marking Manufacturer's
trademark, resistance code,
wiring diagram, date
code, manufacturer's
model number and style
Standard Packaging 100 pcs. per bag



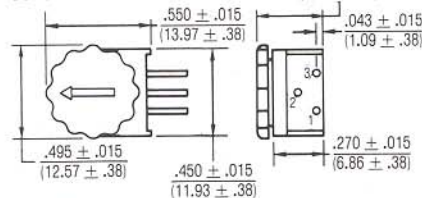
3345P THUMBWHEEL



3345W

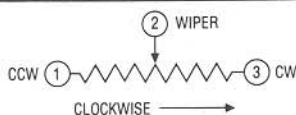


3345W THUMBWHEEL



TOLERANCES: ± .010 EXCEPT WHERE NOTED
(.25)

DIMENSIONS: IN.
(MM)



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
50,000	503	0.10

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.

Specifications are subject to change without notice.
*Fluorinert is a registered trademark of 3M Co.