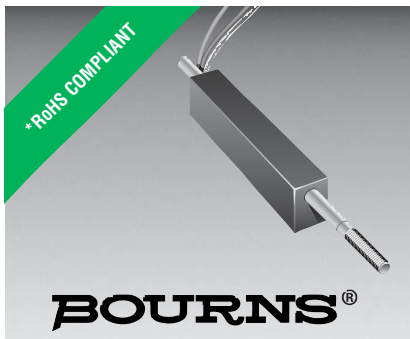




Features

- Compact
- Sealed
- Long life
- Infinite resolution
- Free shaft rotation
- AC or DC
- Shaft options available
- Flexible wire leads
- Economical
- RoHS compliant*

3046 Linear Motion Potentiometer

Specifications†

Standard Electrical Travel

..... 0.15, 0.25, 0.35 in.
(3.81, 6.35, 8.89 mm)

Standard Resistances

..... 1K to 50K ohms ($\pm 20\%$)

Independent Linearity..... $\pm 5\%$

Resolution Infinite

Power Rating @ 70 °C (158 °F)

..... 0.125 watt

Operating Temperature Range

..... -55 °C to +125 °C

Temperature Coefficient ... 1000 PPM/°C

Insulation Resistance 50 megohms

@ 500 VDC

Backlash..... Negligible

Shaft Actuating Force .. 2N max. @ 21 °C

Life..... 500,000 cycles

Shock 50 G for 7ms

Vibration 20 G, 10-2K Hz

Marking..... Manufacturer's trademark,
resistance code, wiring diagram,
date code, manufacturer's model
number and style

Specifications are typical. Contact factory for
special requirements.

† Specifications applicable from 5 % to 95 %
of electrical travel.

How to Order

3046 L - 2 - 502

Model _____

Style _____

Range (Travel) _____

1 = 0.15" (3.81 mm)

2 = 0.25" (6.35 mm)

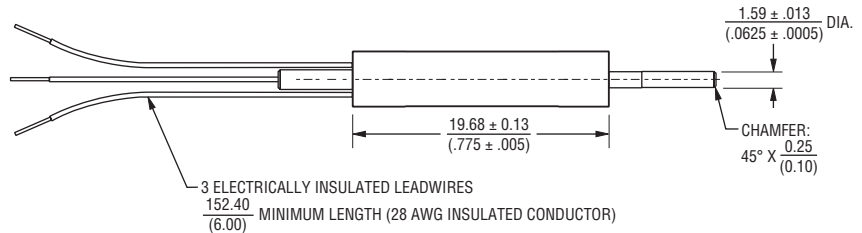
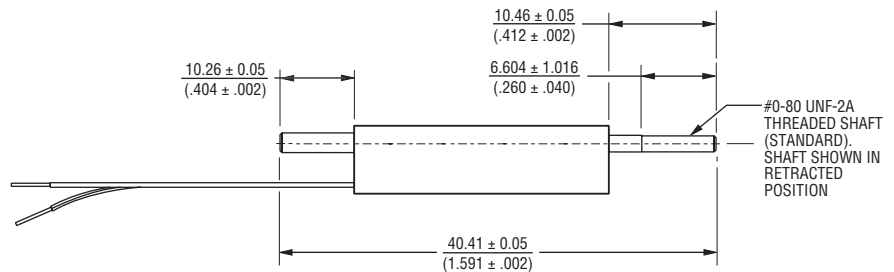
3 = 0.35" (8.89 mm)

Resistance Value _____

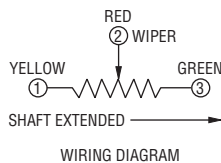
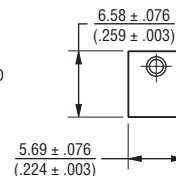
Standard Resistance Table

Resistance (Ohms)	Resistance Code
1,000	102
2,500	252
5,000	502
10,000	103
20,000	203
50,000	503

Product Dimensions



TOLERANCES: $\pm .010$ (0.25) EXCEPT WHERE NOTED



DIMENSIONS: $\frac{\text{MM}}{(\text{INCHES})}$