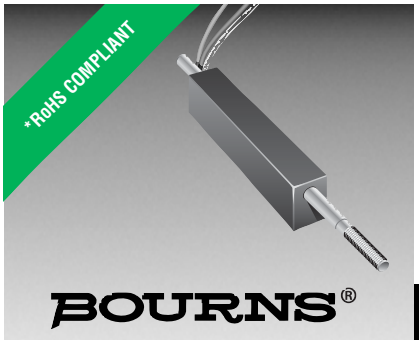


Features

- 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 (±20 %)
Independent Linearity..... ±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

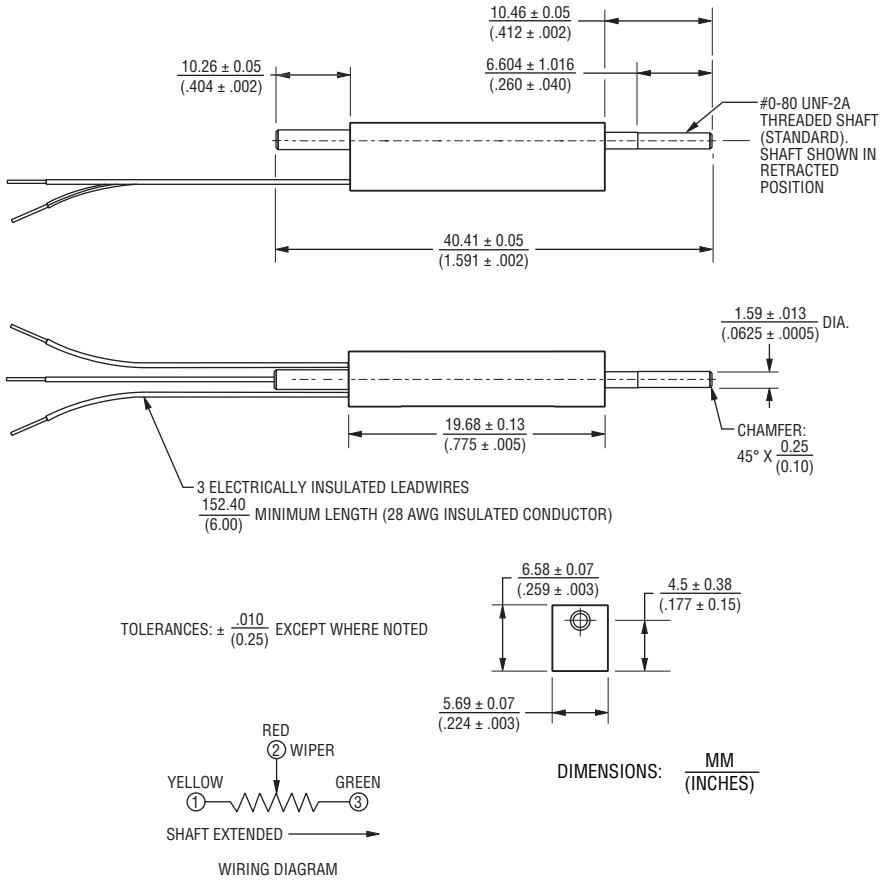
3046 L - 2 - 502

Model — 3046
Style — L
Range (Travel) — 2
1 = 0.15˝ (3.81 mm)
2 = 0.25˝ (6.35 mm)
3 = 0.35˝ (8.89 mm)
Resistance Value — 502

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



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www.bourns.com

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

REV. 09/19

*RoHS Directive 2015/863, Mar 31, 2015 and Annex.
Specifications are subject to change without notice.
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