

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

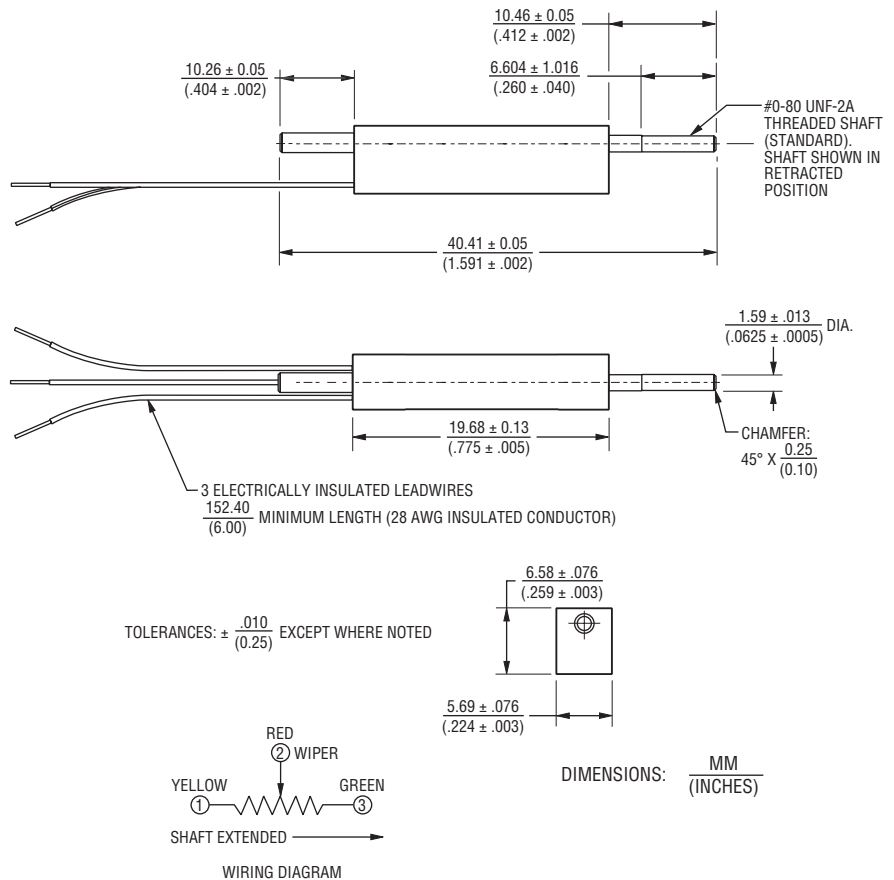
3046 L - 2 - 502

Model _____
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



REV. 05/09

*RoHS Directive 2002/95/EC Jan 27 2003 including Annex.

Specifications are subject to change without notice.

Customers should verify actual device performance in their specific applications