

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 Travel0.15, 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 Shock50 G for 7ms Vibration 20 G, 10-2K Hz Marking......Manufacturer's trademark,

Specifications are typical. Contact factory for special requirements.

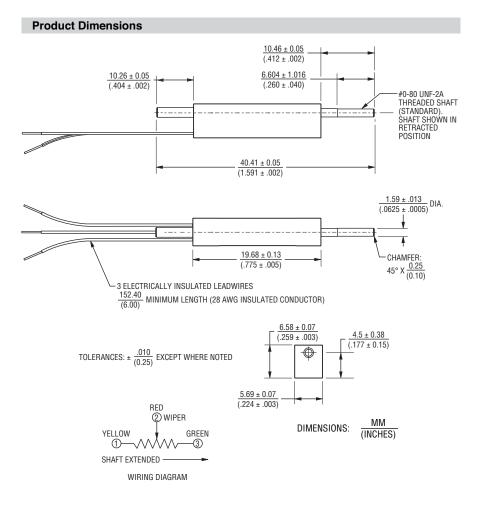
resistance code, wiring diagram, date code, manufacturer's model

number and style

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

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



REV. 04/15

 $^{^*}$ RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011. Specifications are subject to change without notice.