



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

How to Order

Model **3046** **L** - **2** - **502**
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

