



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 %

ResolutionInfinite

Power Rating @ 70 °C (158 °F)
0.125 watt

Operating Temperature Range
-55 °C to +125 °C

Temperature Coefficient1000 PPM/°C

Insulation Resistance50 megohms
 @ 500 VDC

BacklashNegligible

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

Life.....500,000 cycles

Shock50 G for 7ms

Vibration20 G, 10-2K Hz

MarkingManufacturer'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

