

SK22B

0.5 watt - 7/8 inch diameter



*Series SK22B potentiometers feature
Precision Inductive Contactless elements*

Features

- Inductive element
- Anodized Aluminum housing
- Stainless steel shaft
- 26AWG 6" Leadwires

Available Options

Servo Mounting with Ball Bearings,
Sealed Body

Electrical Specifications

Input Voltage
5 VDC

Effective Electrical Angle
 $\pm 50^\circ$

Effective Output
About 10% to 90% V_{in}

Independent Linearity
 $\pm 0.5\%$ Standard

Resolution
Infinite

Load Resistance
Over 10K Ohm

Power Rating
0.5 watt

Mechanical Specifications

Mechanical Rotation
Continuous

Starting Torque
Less than 1 microNewton per meter

Weight
0.53 oz. (15g)

Rotational Life
100,000,000 Revolutions

Environmental Specifications

Operating Temperature
 -40°C to $+105^\circ\text{C}$

Temperature Coefficient
 ± 400 PPM/ $^\circ\text{C}$

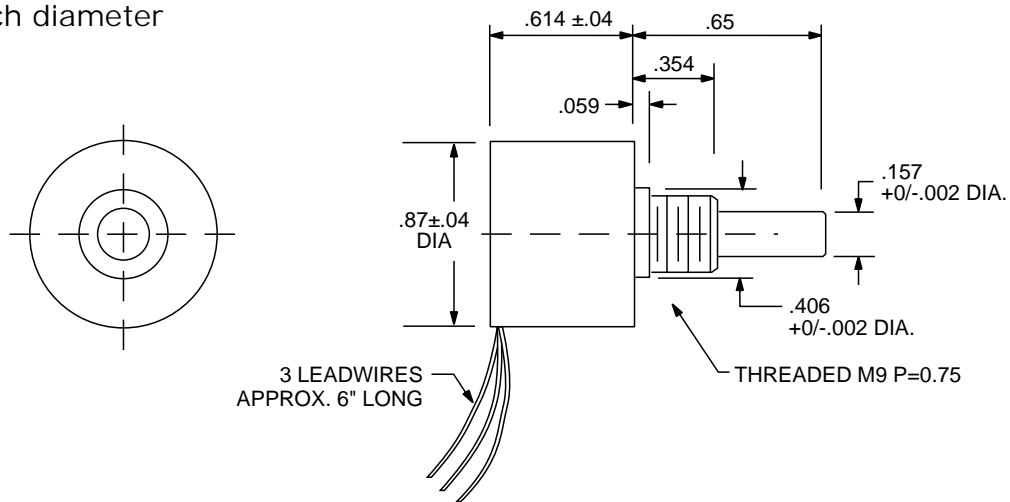
Vibration
10HZ to 2000HZ 20G

Shock
980m /S

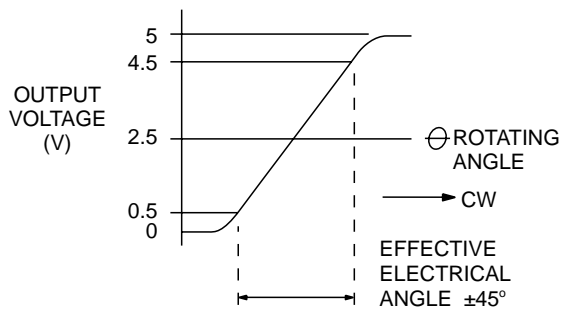
Moisture Resistance
 40°C 95%RH 120 Hours

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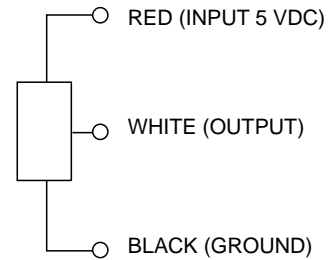
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OUTPUT CHARACTERISTICS



TERMINAL CONNECTION



Ordering Information

Example Part Number: **SK22B-SB**

SK22B

SB

Model

Options

SK22B

SB = Sealed Body

S = Servo Mount with Ball Bearings

On-line Quotations are available at <http://www.potentiometers.com>



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