

# 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  
 $-40^\circ\text{C}$  to  $+105^\circ\text{C}$

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

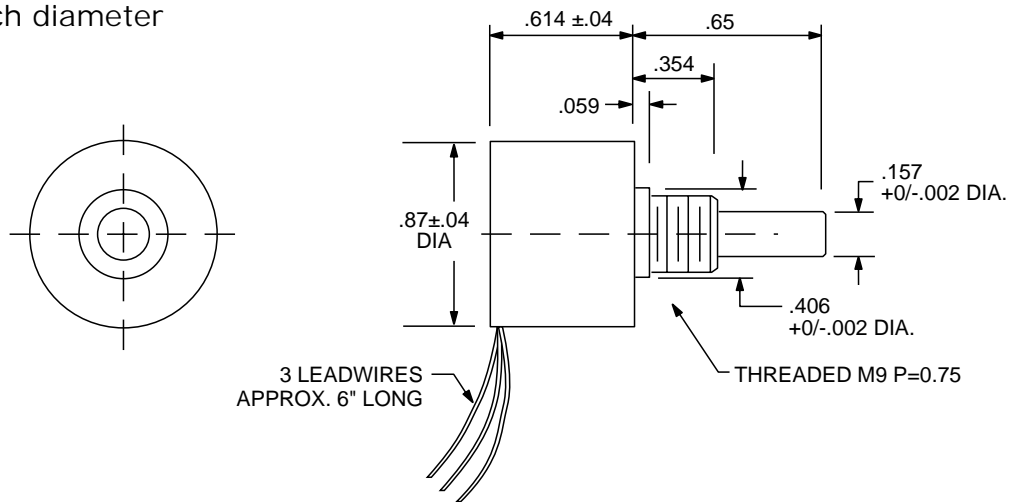
Vibration  
10HZ to 2000HZ 20G

Shock  
980m /S

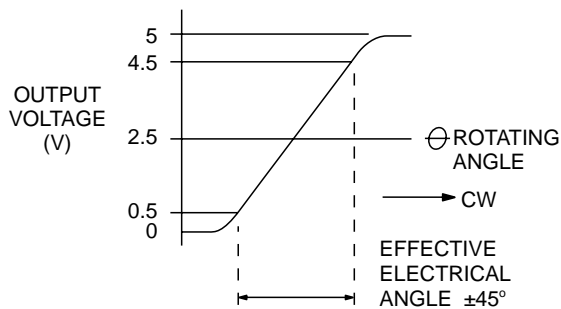
Moisture Resistance  
 $40^\circ\text{C}$  95%RH 120 Hours

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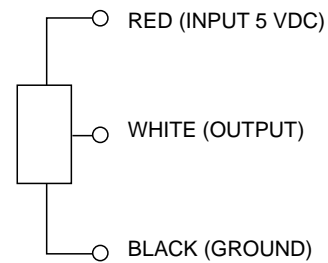
0.5 watt - 7/8 inch diameter



## 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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