

# SP22B

1 watt - .875 inch diameter



*Series SP22B potentiometers feature  
Conductive Plastic elements and gold plated terminals*

## Features

- Conductive Plastic resistive element
- Anodized Aluminum housing
- Stainless steel shaft
- Gold plated brass terminals

## Available Options

Center Tap, Sealed Body, Flatted Shaft,  
No Stops, Side Load Treatment, Servo Mount

## Electrical Specifications

Resistance Range  
1K to 100K ohms standard

Resistance Tolerance  
±10%

Independent Linearity  
±1%

Electrical Rotation  
320° ±5°

Power Rating  
1 watt

Insulation Resistance  
1000 Megohms @ 500VDC

Dielectric Strength  
1000 VAC

## Mechanical Specifications

Mechanical Rotation  
320° +10° -0°

Torque  
Below 0.3 oz. in.

Shaft End Play  
.005 Max.

Weight  
1 oz.

Rotational Life  
20,000,000 Turns rated

## Environmental Specifications

Operating Temperature  
-55°C to +125°C

Temperature Coefficient  
±400 PPM/°C

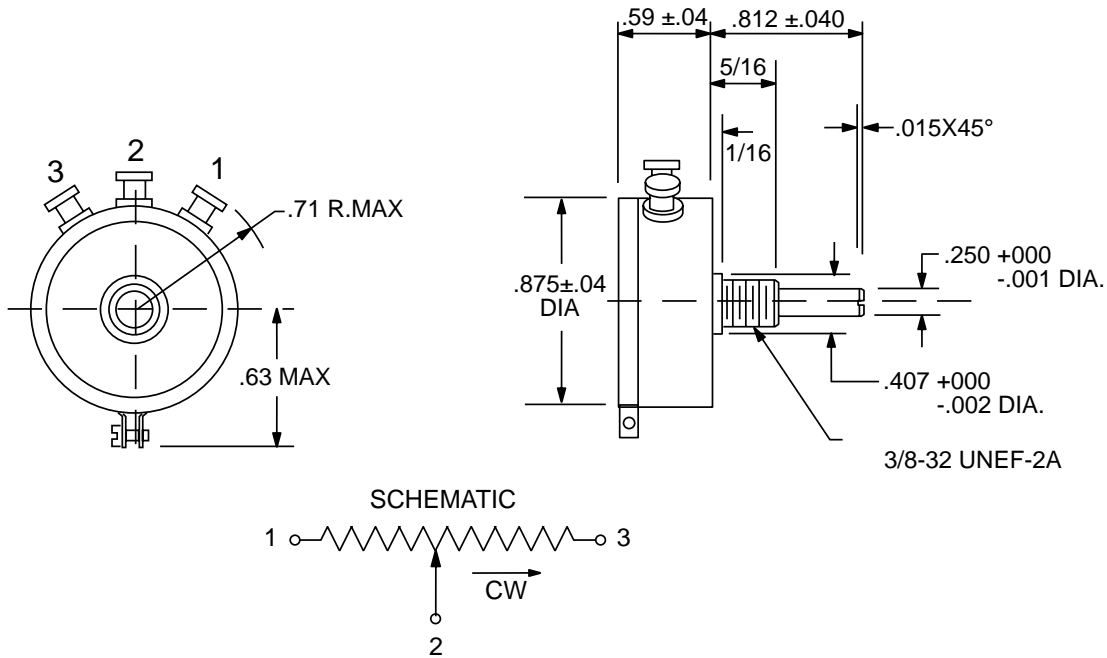
Vibration  
10HZ to 2000HZ 15G

Shock  
50G

Moisture Resistance  
40°C 95%RH 120 Hours

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## Ordering Information

Example Part Number: **SP22B-10K-CT**

SP22B	10K	CT
Model	Resistance	Options
SP22B	1K = 1K ohms 5K = 5K ohms 10K = 10K ohms 20K = 20K ohms 50K = 50K ohms 100K = 100K ohms	CT = Center Tap SB = Sealed Body FL = Flatted Shaft NS = No Stops SL = Side Load Treatment S = Servo Mount with ball bearings

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



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