

# SP30B

1.5 watt - 1 1/16 inch diameter



*Series SP30B potentiometers feature  
Conductive Plastic elements and gold plated terminals*

## Features

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

## Electrical Specifications

Resistance Range  
1K to 100K ohms standard

Resistance Tolerance  
±10%

Independent Linearity  
±1%

Resolution  
Essentially Infinite

Electrical Rotation  
320° ±5°

Power Rating  
1.5 watt

Insulation Resistance  
1000 Megohms @ 500VDC

Dielectric Strength  
1000 VAC

Contact Resistance Variation  
Less than 2% C.R.V

Output Smoothness  
Less than 0.1%

## Mechanical Specifications

Mechanical Rotation  
320° +10° -0°

Torque  
.83 oz. in. Max

Weight  
1 oz.

Rotational Life  
20,000,000 Turns rated

## Environmental Specifications

Operating Temperature  
-55°C to +125°C

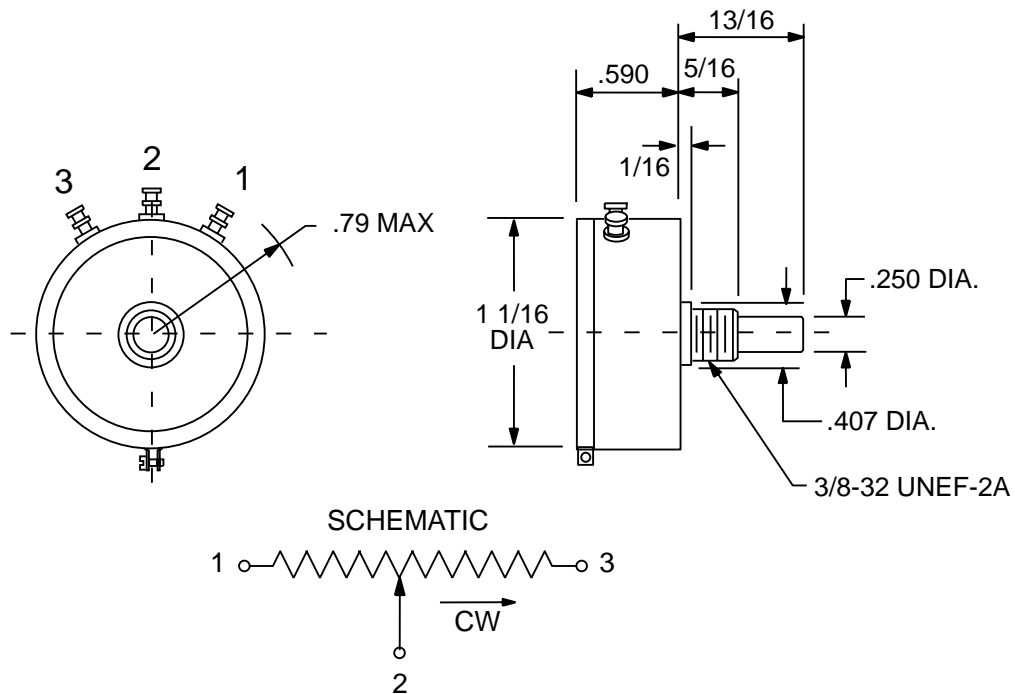
Vibration  
10HZ to 2000HZ 15G

Shock  
50G

Moisture Resistance  
40°C 95%RH 120 Hours

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## Ordering Information

Example Part Number: **SP30B-10K-CT**

SP30B	10K	CT
Model	Resistance	Options
SP30B	1K = 1K ohms 2K = 2K 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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