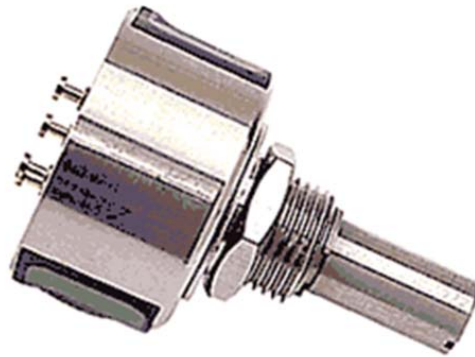


# SP22D

1 watt - .86 inch diameter



*Series SP22D potentiometers feature  
Conductive Plastic elements and gold plated terminals*

## Features

- Conductive Plastic resistive element
- Plated Brass housing
- Brass bushing, stainless steel shaft
- Gold plated brass terminals

## Electrical specifications

Resistance Range  
500 to 100K ohms standard

Resistance Tolerance  
±15%

Independent Linearity  
±1.5%

Resolution  
Essentially infinite

Electrical Rotation  
320° ±5°

Power Rating  
1.0 watt

Insulation Resistance  
1000 Megohms @ 500VDC

Dielectric Strength  
1000 VAC

## Mechanical Specifications

Mechanical Rotation  
320° ±5°

Torque  
0.7 oz. in.

Shaft End Play  
.005 Max.

Weight  
Approx. 1.1 oz.

Rotational Life  
500,000 Turns rated

## Environmental Specifications

Operating Temperature  
-55°C to +105°C

Temperature Coefficient  
±400 PPM/°C

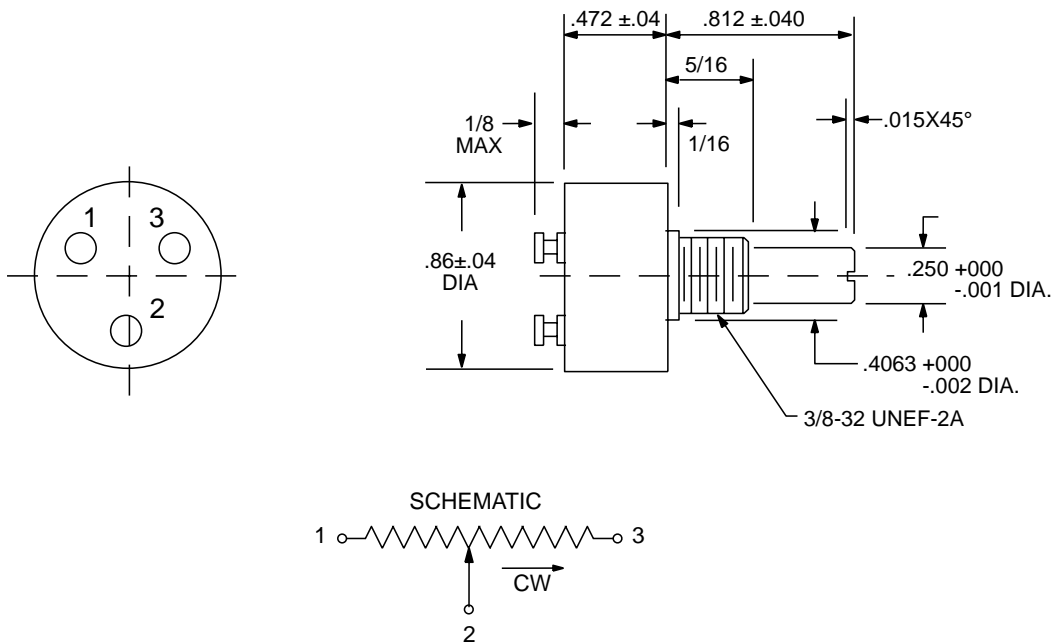
Vibration  
10HZ to 2000HZ 15G

Shock  
50G 11ms

Moisture Resistance  
40°C 95%RH 120 Hours

# SP22D

1 watt - .86 inch diameter



## Ordering Information

Example Part Number: **SP22D-10K-CT**

<b>SP22D</b>	<b>10K</b>	<b>CT</b>
<b>Model</b>	<b>Resistance</b>	<b>Options</b>
<b>SP22D</b>	<b>500</b> = 500 ohms <b>1K</b> = 1K ohms <b>5K</b> = 5K ohms <b>10K</b> = 10K ohms <b>20K</b> = 20K ohms <b>50K</b> = 50K ohms <b>100K</b> = 100K ohms	<b>CT</b> = Center Tap <b>SB</b> = Sealed Body <b>FL</b> = Flatted Shaft <b>NS</b> = No Stops <b>SL</b> = Side Load Treatment

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



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