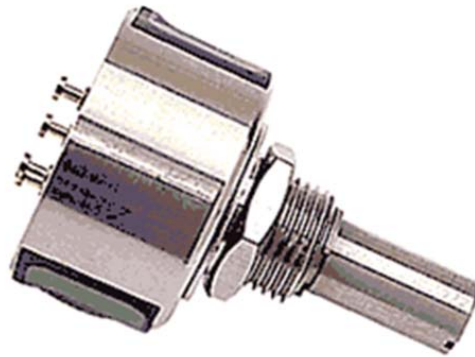


SP22D

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

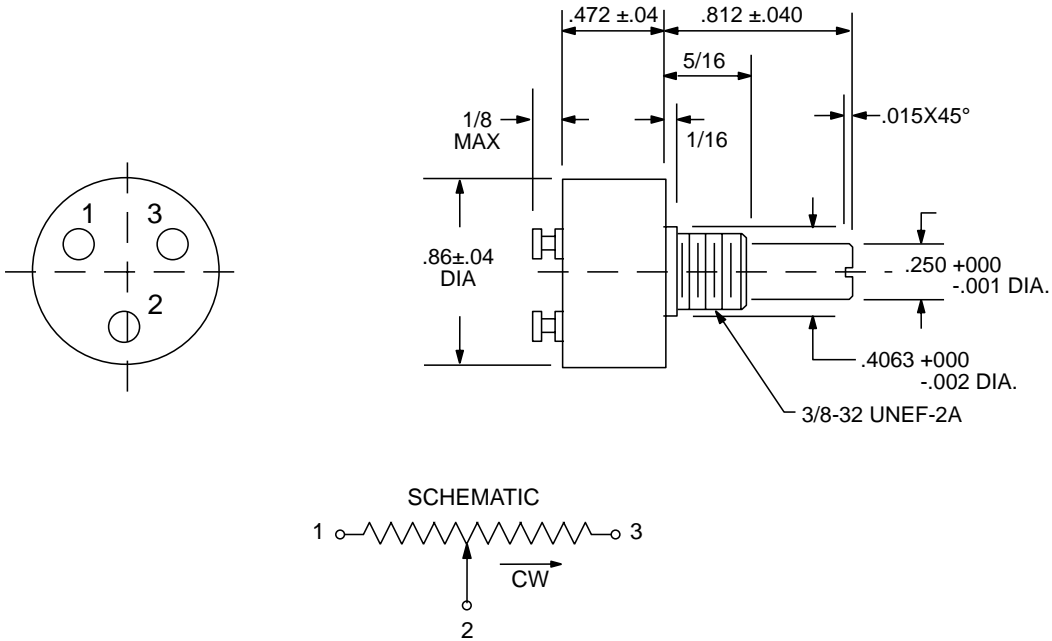
Vibration
10HZ to 2000HZ 15G

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**

SP22D	10K	CT
Model	Resistance	Options
SP22D	500 = 500 ohms 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

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



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