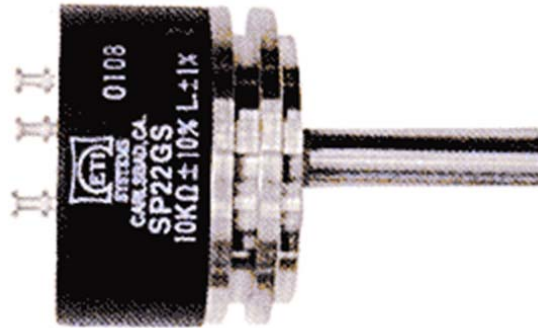


# SP22GS

1 watt - 7/8 inch diameter



*Series SP22GS potentiometers feature  
Conductive Plastic elements and gold plated terminals*

## Features

- Conductive Plastic resistive element
- High Temperature Plastic housing
- Servo Mount
- Stainless steel shaft
- Solderable Double Turret Terminals.

## Available Options

Center Tap, Sealed Body, Flatted Shaft,  
Side Terminals, Side Load Treatment

## Electrical Specifications

Resistance Range

500 to 100K ohms standard

Resistance Tolerance

±10%

Independent Linearity

±1%

Electrical Rotation

340° ±4°

Power Rating

1 watt

Insulation Resistance

1000 Megohms @ 500VDC

Dielectric Strength

500 VAC

## Mechanical Specifications

Mechanical Rotation

Continuous

Torque

0.7 oz. in.

Shaft End Play

.006 Max.

Weight

1.1 oz.

Rotational Life

10,000,000 Turns rated

## Environmental Specifications

Operating Temperature

-55°C to +105°C

Temperature Coefficient

±400 PPM/°C

Vibration

10HZ to 2000HZ 15G

Shock

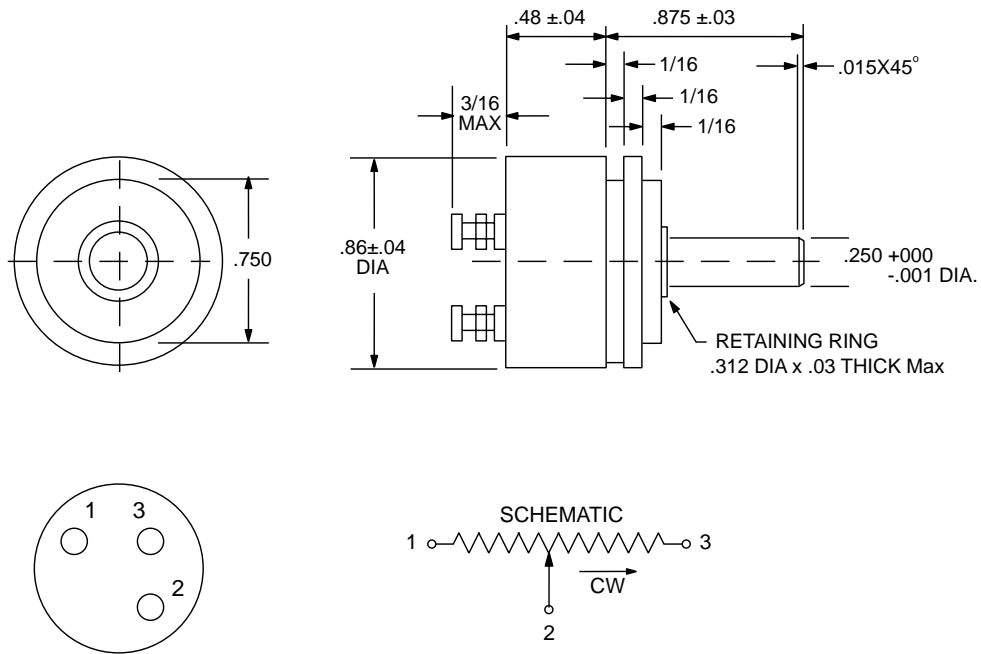
50G 11MS

Moisture Resistance

40°C 95%RH 120 Hours

# SP22GS

1 watt - 7/8 inch diameter



## Ordering Information

Example Part Number: **SP22GS-10K-CT**

SP22GS	10K	CT
<b>Model</b>	<b>Resistance</b>	<b>Options</b>
<b>SP22GS</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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