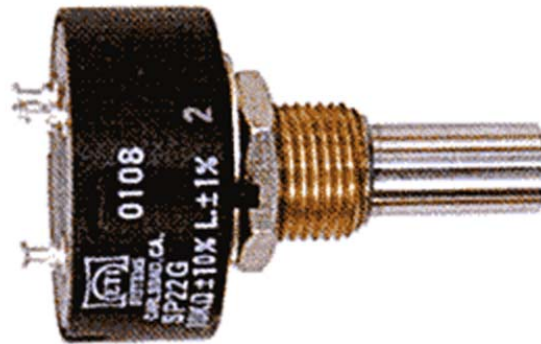


# SP22G

1 watt - 7/8 inch diameter



*Series SP22G potentiometers feature  
Conductive Plastic elements and gold plated terminals*

## Features

- Conductive Plastic resistive element
- High Temperature Plastic housing
- Stainless steel shaft
- Solderable Double Turret Terminals.
- Servo Mount version is SP22GS

## 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  
0.7oz. in.

Shaft End Play  
.006Max.

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

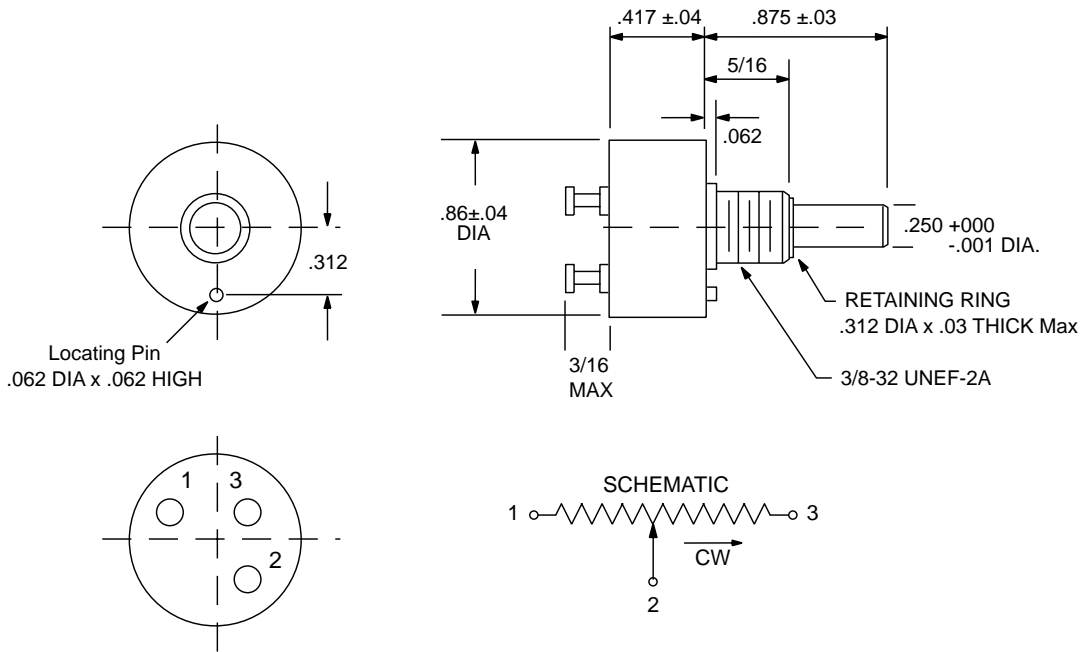
Vibration  
10HZ to 2000HZ 15G

Shock  
50G 11MS

Moisture Resistance  
40°C 95%RH 120 Hours

# SP22G

1 watt - 7/8 inch diameter



## Ordering Information

Example Part Number: **SP22G-10K-CT**

SP22G	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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