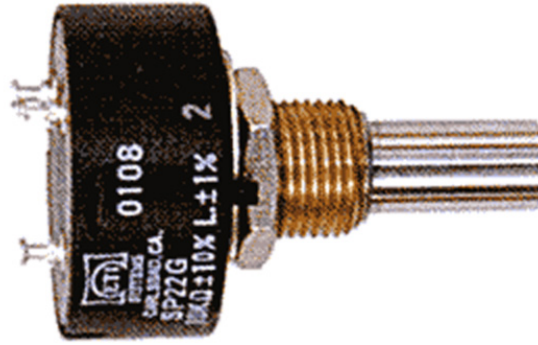


# SP22G Plastic Potentiometer - .86" Dia.



For more information about this product, visit our website at: [www.potentiometers.com](http://www.potentiometers.com)

**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:  $\pm 10\%$   
Independent Linearity:  $\pm 1\%$   
Electrical Rotation:  $340^\circ \pm 4^\circ$   
Power Rating: 1 watt  
Insulation Resistance: 1000 Megohms @ 500VDC  
Dielectric Strength: 500 VAC

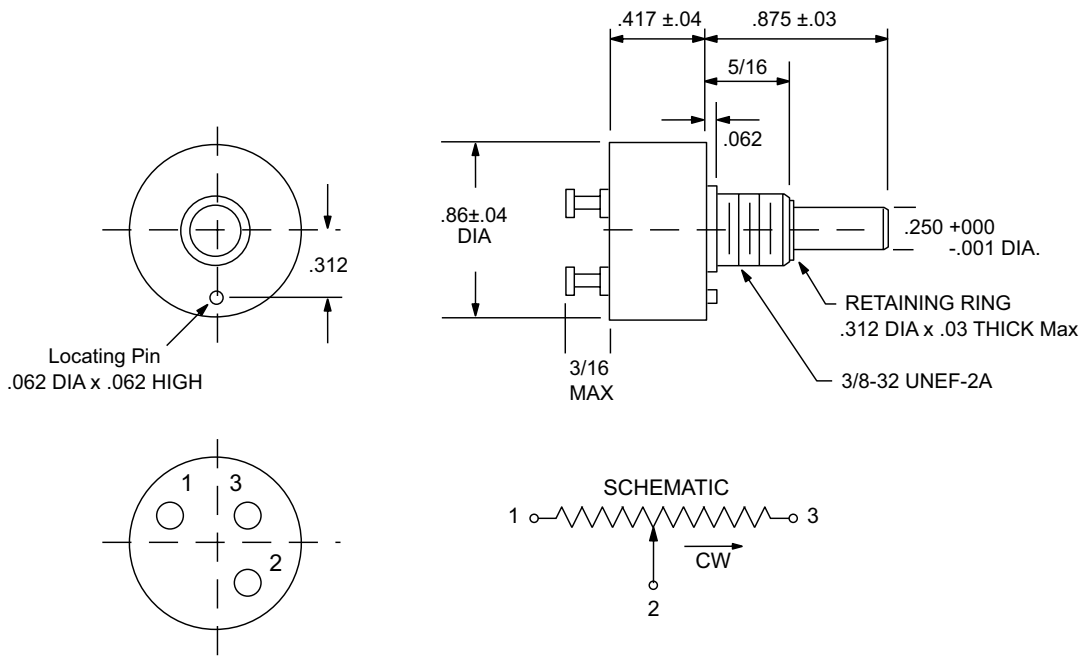
## Mechanical Specifications

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:  $-55^\circ\text{C}$  to  $+105^\circ\text{C}$   
Temperature Coefficient:  $\pm 400$  PPM/ $^\circ\text{C}$   
Vibration: 10HZ to 2000HZ 15G  
Shock: 50G 11MS  
Moisture Resistance:  $40^\circ\text{C}$  95%RH 120 Hours

# SP22G Plastic Potentiometer - .86" Dia.



## Ordering Information

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

SP22G	10K	CT
<b>Model</b>	<b>Resistance</b>	<b>Options</b>
<b>SP22G</b>	<b>500</b> = 599 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

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