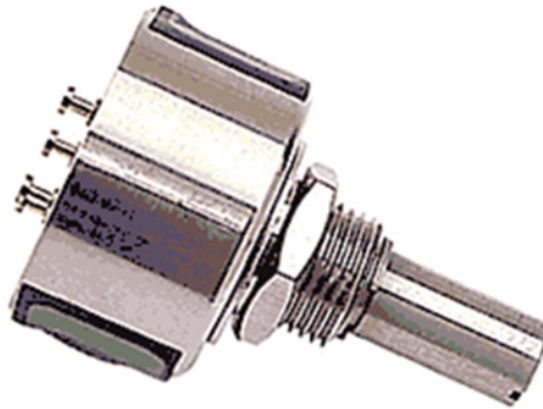


SP22D Plastic Potentiometer - .86" Dia.



For more information about this product, visit our website at: www.potentiometers.com



***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: $\pm 15\%$
Independent Linearity: $\pm 1.5\%$
Resolution: Essentially infinite
Electrical Rotation: $320^\circ \pm 5^\circ$
Power Rating: 1.0 watt
Insulation Resistance: 1000 Megohms @ 500VDC
Dielectric Strength: 1000 VAC

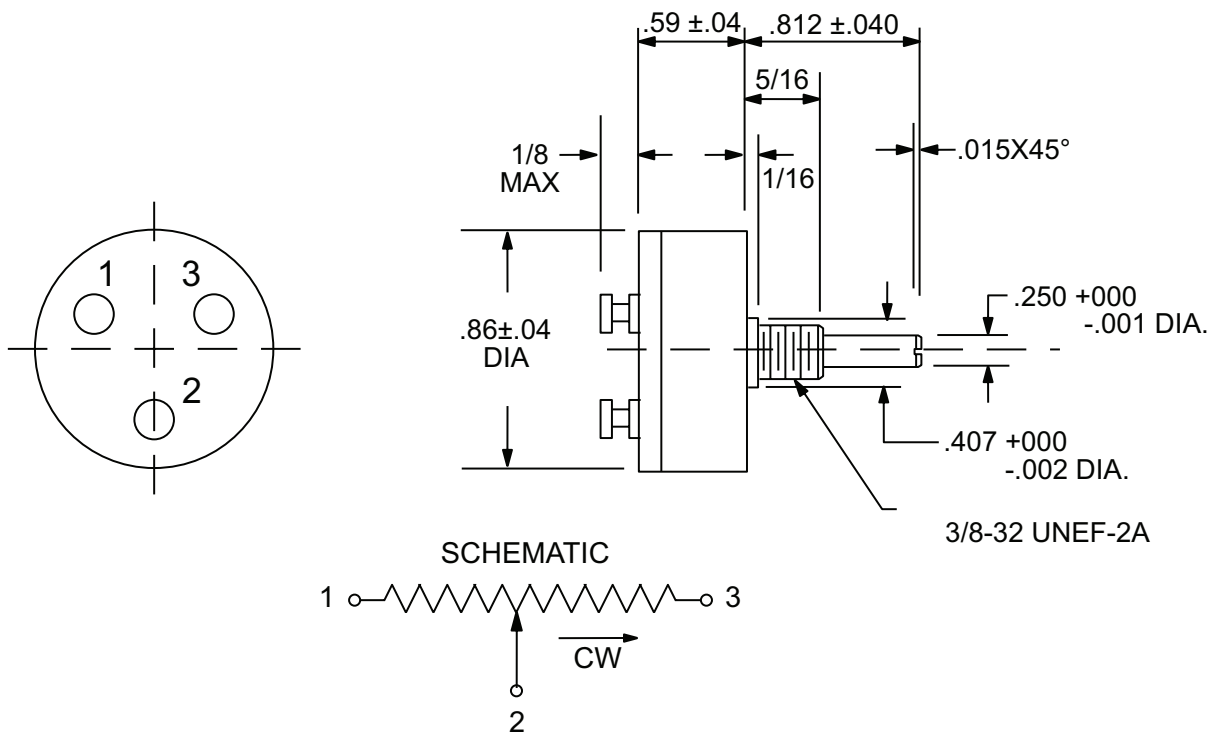
Mechanical Specifications

Mechanical Rotation: $320^\circ \pm 5^\circ$
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 $+105^\circ\text{C}$
Temperature Coefficient: ± 400 PPM/ $^\circ\text{C}$
Vibration: 10HZ to 2000HZ 15G
Shock: 50G 11ms
Moisture Resistance: 40°C 95%RH 120 Hours

SP22D Conductive Plastic Potentiometer - .86" Dia.



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

For more information about this product, visit our website at: www.potentiometers.com



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