

SP22B Plastic Potentiometer - .875" Dia.



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



**Series SP22B potentiometers feature
Conductive Plastic elements and gold plated terminals**

Features

- Conductive Plastic resistive element
- Anodized Aluminum housing
- Stainless steel shaft
- Gold plated brass terminal

Options

Center Tap
Sealed Body
Flatted Shaft,
No Stops
Side Load Treatment
Servo Mount

Electrical Specifications

Resistance Range: 1K to 100K ohms standard
Resistance Tolerance: $\pm 10\%$
Independent Linearity: $\pm 1\%$
Electrical Rotation: $320^\circ \pm 5^\circ$
Power Rating: 1 watt
Insulation Resistance: 1000 Megohms @ 500VDC
Dielectric Strength: 1000 VAC

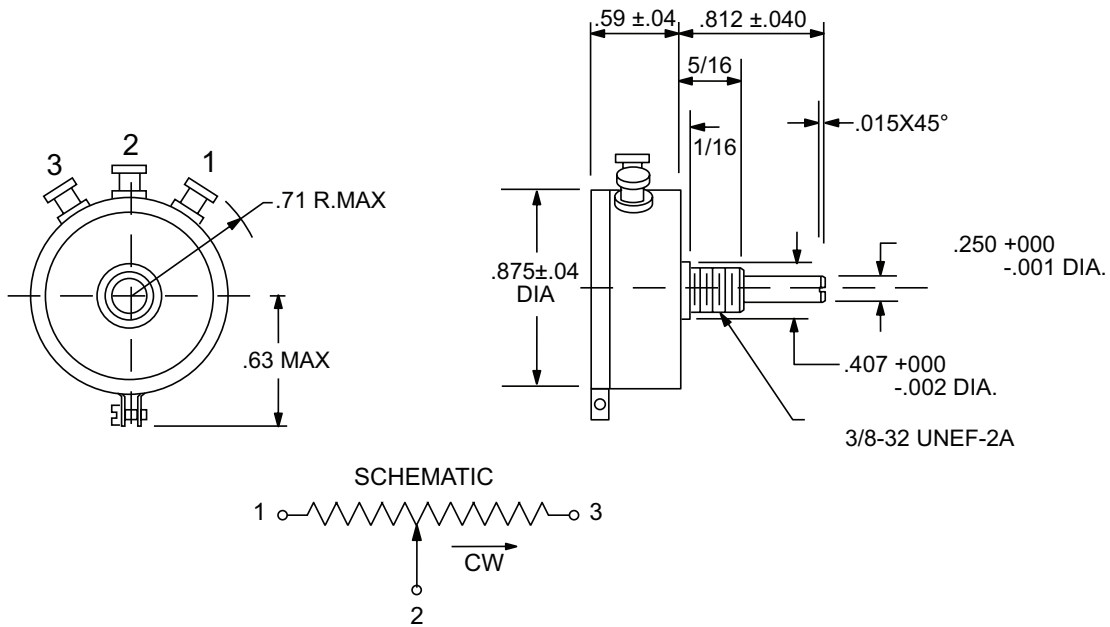
Mechanical Specifications

Mechanical Rotation: $320^\circ +10^\circ -0^\circ$
Torque: Below 0.3 oz. in.
Shaft End Play: .005 Max.
Weight: 1 oz.
Rotational Life: 20,000,000 Turns rated

Environmental Specifications

Operating Temperature: -55°C to $+125^\circ\text{C}$
Temperature Coefficient: ± 400 PPM/ $^\circ\text{C}$
Vibration: 10HZ to 2000HZ 15G

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Ordering Information

Example Part Number: **SP22B-10K-CT**

SP22B	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

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