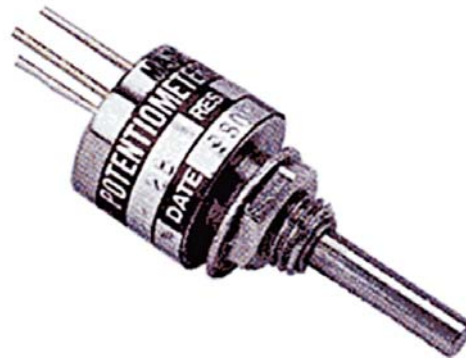


SP12B

.2 watts - 1/2 inch diameter



*Space-saving Series SP12B potentiometers feature
Conductive Plastic elements, all metal housing, and gold
plated wire terminals*

Features

- Conductive Plastic resistive element
- Plated brass housing
- Stainless steel shaft
- Gold plated brass terminals

Electrical specifications

Resistance Range
500 to 100K ohms standard

Resistance Tolerance
±15%

Independent Linearity
±2%

Resolution
Essentially Infinite

Electrical Rotation
300° ±5°

Power Rating
.2 watt

Output Smoothness
Less than 0.1%

Insulation Resistance
1000 Megohms @ 500VDC

Dielectric Strength
500 VAC

Mechanical Specifications

Mechanical Rotation
Continuous

Torque
0.3 oz. in.

Stop Strength (EUP1960)
50 oz. in.

Bearing Type
Sleeve

Rotational Life
5,000,000 Turns rated

Environmental Specifications

Operating Temperature
-55 °C to +105 °C

Temperature Coefficient
±400 PPM/°C

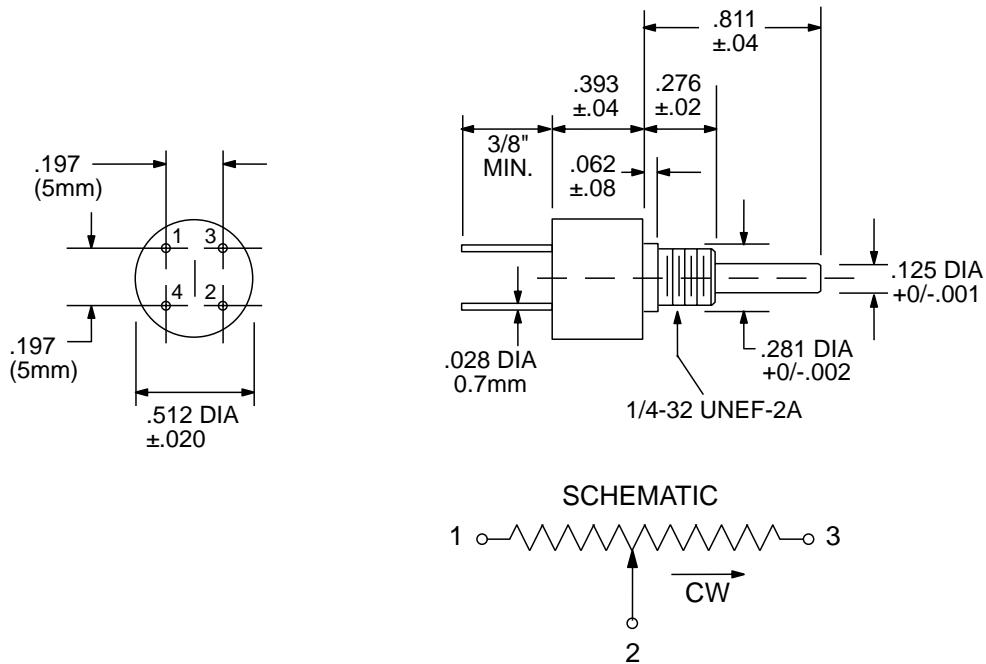
Vibration
10Hz to 2000Hz - 15G

Shock
50G

Moisture Resistance
40°C 95%RH - 120 Hours

SP12B

.2 watts - 1/2 inch diameter



Ordering Information

Example Part Number: **SP12B-10K-SB**

SP12B	10K	IP
Model	Resistance	Options
SP12B	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

On-line Quotations are available at <http://www.potentiometers.com>



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