



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

Series MOH20 potentiometers feature a 5, or 10-Turn Hybrid Element in an Oil-Filled Metal Housing.

Features

- Conductive Plastic over a wirewound element
- Available as 5 or 10 turn models
- Metal housing
- Sealed body, O-ring shaft seal
- Stainless steel shaft, plated brass bushing
- Glass headers on terminals
- Essentially infinite resolution
- Servo mount optional

Electrical Specifications

Resistance Range: 1K to 100K ohms standard

Resistance Tolerance: $\pm 10\%$

Independent Linearity: $\pm 0.25\%$

Electrical Angle:

10 Turn: $3600^\circ \pm 5^\circ$

5 Turn: $1800^\circ \pm 5^\circ$

Power Rating:

10 Turn: 2 watts

5 Turn: 1 watt

Insulation Resistance: 100 Megohms@500VDC

Dielectric Strength: 1,000 VAC

Mechanical Specifications

Mechanical Rotation:

10 Turn: $3600^\circ +10^\circ -0^\circ$

5 Turn: $1800^\circ +10^\circ -0^\circ$

Rotational Torque: 2.8 oz. in. Max

Rotational Life:

10 Turn: 10,000,000 revolutions

5 Turn: 5,000,000 revolutions

Environmental Specifications

Operating Temperature: -30°C to $+60^\circ\text{C}$

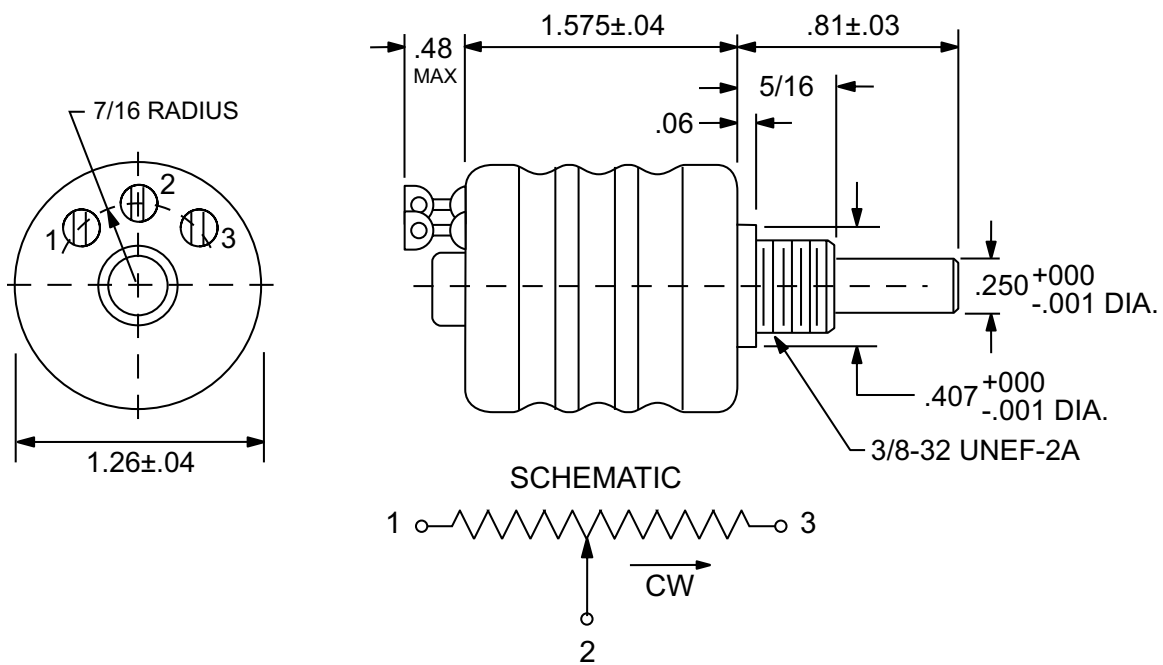
Temperature Coefficient: ± 100 PPM/ $^\circ\text{C}$

Vibration: 10HZ to 2,000HZ 15G

Shock: 50G 11ms

Moisture Resistance: 40°C 95%RH 120 Hours

MOH20 Oil-Filled Multi-Turn Hybrid Potentiometer



Ordering Information

Example Part Number: **MOH20-10-10K**

MOH20	B	10	10K
Model	Mount	Turns	Resistance
MOH20	B = Bushing S = Servo	10 = 10 Turns 5 = 5 Turns	1K = 1K ohms 2K = 2K ohms 5K = 5K ohms 10K = 10K ohms 20K = 20K ohms 50K = 50K ohms 100K = 100K ohms

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