

EUP1910/1960

1 watt - .9055 inch diameter



*Series EUP1910 and EUP1960 potentiometers feature
Conductive Plastic elements for long life and stability*

Features

- Conductive Plastic resistive element
- Thermoset plastic housing
- Nickel plated brass bushing
- Gold plated brass terminals
- Stainless steel shaft

Electrical specifications

Resistance Range

1K, 5K, 10K ohms standard

Resistance Tolerance

±20%

Independent Linearity

±2%

Resolution

Essentially Infinite

Temperature Coefficient

±400 PPM/°C

Electrical Rotation

EUP1910 - 320° ±4°

EUP1960 - 340° ±4° (end stops)

Power Rating

1 watt

Maximum wiper current

1 mA

Insulation Resistance

1000 Megohms @ 500VDC

Dielectric Strength

1000 VAC

Mechanical Specifications

Mechanical Rotation

EUP1910 - Continuous rotation

EUP1960 - 340° ±5° (end stops)

Starting Torque

0.30 oz. in.

Running Torque

0.25 oz. in.

Stop Strength (EUP1960)

50 oz. in.

Bearing Type

Sleeve

Rotational Life

2,000,000 Turns rated

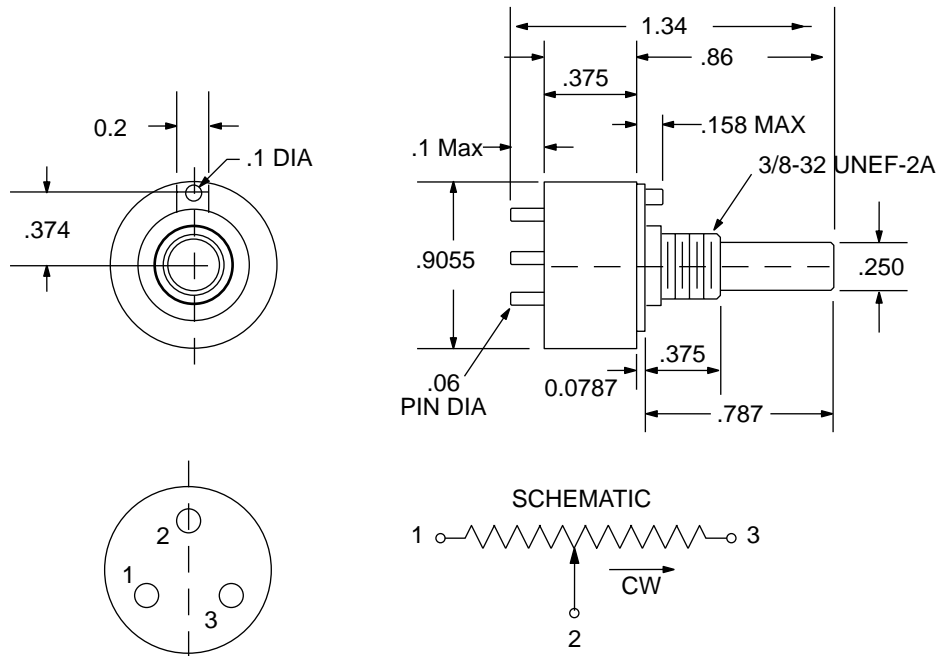
Environmental Specifications

Operating Temperature

-55 °C to +105 °C

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Ordering Information

Example Part Number: **EUP1910-10K-IP**

EUP1910

Model

EUP1910 = Continuous rotation
EUP1960 = 320° rotation

10K

Resistance

1K = 1K ohms
5K = 5K ohms
10K = 10K ohms

IP

Options

R = Special resistance values
S = Special shafts
OR = O-Ring on shaft
IP = IP64 protection rating
EA = Special electrical angles
ET = Special electrical tolerances
OC = Output Cable and connectors
MB = Metric bushings and shafts

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



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