

MULTI TURN POTENTIOMETER
Model NHP22 – 10 Gang
∅ 22 mm
1 000 000 turns
Wire Wound



Features:

- Robust Construction
- Economically priced

Applications:

- Power Supplies
- Electrical Actuators
- Medical Devices
- Testing and Measurement Devices



Electrical Data:

Resistance Range	: 1kΩ, 2 kΩ, 5kΩ, 10kΩ
Resistance Tolerance	: ± 10%
Linearity	: ± 0.25 %
Power Rating	: 2 W at 40°C
Resolution	: Dependent on number of turns
Max. Wiper Current	: 10 mA in case of failure (10 Sec)
Supply Voltage	: $U = \sqrt{P \times R}$
Equivalent Noise Resistance	: 100Ω at 1mA
Insulation Resistance	: 1 GΩ at 500Vdc
Dielectric Strength	: 750 Vac
Temperature Coefficient	: 50 ppm/°C or 150 ppm/°C
End Resistance	: 0.1% or 5Ω whichever higher

Mechanical Data:

Life	: 1'000'000 rotations
Repeatability	: 0.1%
Protection Class	: IP40
Operating Torque	: Typ. 0.5 Ncm
Mech. Angle	: 3600° +10°-0°

Environmental Data:

Storage Temperature	: -40°C to +105°C
Operating Temperature	: -40°C to +105°C
Vibration	: 15G
Shock	: 50G

Material:

Housing	: Engg. Plastic
Shaft	: SS 304
Terminals	: Brass, Silver plated
Bush	: Brass, Nickel plated

Options:

Upon Request

Specifications subject to change without notice

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Standard Drawing:

