



53 Series Industrial Potentiometer, Conductive Plastic Element, Solder Lug Terminals, 2 W Power Rating, 10 kOhm Resistance Value

*Representative photograph, actual product appearance may vary.*

### **Features**

- Robust nickel-plated brass shaft and bushings
- Conductive plastic element
- Linear taper
- 25,000 cycle rotational life

### **Potential Applications**

- Manual controls (throttle, joystick)
- Electric vehicles
- Personal mobility
- Off-road vehicles
- Welding and heating
- Telecommunications

### **Description**

The 53 Series is an economical potentiometer made with a rugged construction. It offers a 2 watt power rating and the benefits of a conductive plastic element. It is available in a special construction that accepts a rotary switch (purchased separately).

---

**Product Specifications**

Potentiometer Type	Industrial
Element Type	Conductive Plastic
Terminal Type	Solder Lug
Power Rating	2 W
Resistance Value	10 kOhm
Resistance Tolerance	± 10%
Linearity	± 5%
Bushing Thread	9,53 mm [0.375 in] x 32 NEF-2A
Bushing Length	9,53 mm [0.375 in]
Bushing Type	Standard
Shaft Diameter	6,35 mm [0.25 in]
Shaft Length	22,23 mm [0.875 in]
Shaft Ending	Slotted
Body	27,8 mm [1.094 in] diameter max. except at terminal standoff
Electrical Taper	Linear
Operating Temperature	55 °C to 120 °C [67 °F to 248 °F]
Working Voltage (Max.)	500 V
Rotational Life	25000 Cycles
Mechanical Rotation	312°
Availability	Global
Series Name	53
UNSPSC Code	4111363300
UNSPSC Commodity	4111363300 Potentiometers

**For Reference Only**

