

Conductive Plastic Potentiometers - RV4LAYS102A



RV4 Series Industrial Potentiometer, Conductive Plastic Element, Solder lug Terminals, 2 W Power Rating, 1 kOhm Resistance Value

Actual product appearance may vary.

Overview

Description

The RV4 Series is a military qualified potentiometer made in accordance to MIL-PRF-94 specifications. It offers a 2 watt power rating and a conductive plastic element.

Features

- Robust nickel-plated brass shaft and bushings
- Conductive plastic element
- Linear taper
- 25,000 cycle rotational life
- Meets MIL-PRF-94 standards
- Locking style bushing

Typical Applications

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

Specs

Product Specifications

Potentiometer Type	Industrial
Element Type	Conductive Plastic
Terminal	Solder lug
Power Rating	2 W
Resistance Value	1 kOhm
Resistance Tolerance	± 10 %
Linearity	± 5 %
Bushing Thread	9,53 mm [0.375 in] x 32 NEF-2A
Bushing Length	12,7 mm[0.5 in]
Bushing Type	Locking
Shaft Diameter	6,35 mm [0.25 in]
Shaft Length	15,88 mm [0.625 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	RV4
UNSPSC Code	41113633
UNSPSC Commodity	41113633 Potentiometers