

## Conductive Plastic Potentiometers - 308N100K



308 Series Industrial Potentiometer, Conductive Plastic Element, Solder Hook Terminals, 0.5 W Power Rating, 100 kOhm Resistance Value

Actual product appearance may vary.

### Overview

#### Description

The 308 Series is a low cost, conductive plastic, potentiometer. It offers a 1/2 watt power rating and a metal shaft and bushing. PC and solder hook style terminals available.

#### Features

- Compact - 12,7 mm [0.5 in] modular size
- Robust nickel-plated brass shaft and bushings
- Conductive plastic element
- Linear taper
- Solder hook terminals

#### Typical Applications

- Manual controls
- Medical equipment
- Telecommunications

### Specs

#### Product Specifications

Potentiometer Type	Industrial
Element Type	Conductive Plastic
Terminal	Solder Hook
Power Rating	0.5 W
Resistance Value	100 kOhm
Resistance Tolerance	± 10 %
Linearity	± 5 %
Bushing Thread	6,35 mm [0.25 in] x 32 NEF-2A
Bushing Length	6,35 mm [0.25 in]
Bushing Type	Standard
Shaft Diameter	3,18 mm [0.125 in]
Shaft Length	19,05 mm [0.75 in]
Shaft Ending	Slotted
Body	12.7 mm [0.5 in] square, ± 0.79 mm [0.031 in]
Electrical Taper	Linear
Operating Temperature	-40 °C to 120 °C [-40 °F to 248 °F]
Working Voltage (Max.)	350 V
Rotational Life	50000 cycles
Mechanical Rotation	295°
Availability	Global
Series Name	308
UNSPSC Code	41113633
UNSPSC Commodity	41113633 Potentiometers