

Datasheet

RS Pro NP22 Series Conductive Plastic Potentiometer with a 6.35 mm Dia. Shaft, 1k Ω , \pm 20%, 1W, \pm 400ppm/ $^{\circ}$ C, Bushing Mount

RS Stock No: 842-7113



Product Details

RS Pro conductive plastic potentiometer offers resistance up to 1 k Ω . This 1 W rated potentiometer includes a shaft of 6.35 mm diameter. It features a noise-free output using a precious metal wiper.

Features and Benefits

- Power rating of 1W at 70 $^{\circ}$ C
- Rotational life of 4,000,000 shaft revolutions
- \pm 20% resistance tolerance, but 10% is the best possible
- Continuous rotation
- 34 $^{\circ}$ \pm 5% electrical angle

Specifications:

Element Material	Conductive Plastic
Linearity	±2%
Mounting Type	Bushing Mount
Termination Style	Solder
Mechanical Rotation	360°
Shaft Length	25 mm
Diameter	22.22 mm
Dimensions	22.22 (dia.) x 31.5 mm
Length	31.5 mm
Maximum Operating Temperature	+105°C
Maximum Resistance	1 kΩ
Minimum Operating Temperature	-40°C
Mounting Hole Diameter	10.32 mm
Power Rating	1 W
Temperature Coefficient	±400 ppm/°C
Tolerance	±20%
Number of Turns	1
Shaft Diameter	6 mm
Dielectric Strength	500 V ac
Insulation Resistance	1000 MΩ