

Datasheet

## RS Pro NP21 Series Conductive Plastic Potentiometer with a 6 mm Dia. Shaft, 1k $\Omega$ , $\pm$ 20%, 1W, $\pm$ 400ppm/ $^{\circ}$ C, Panel Mount

RS Stock No: **842-7138**



### Product Details

RS Pro conductive plastic potentiometer offers resistance up to 1 k $\Omega$ . This 1 W rated potentiometer includes a shaft of 6 mm diameter. It features a noise-free output using a precious metal wiper.

### Features and Benefits

- 320° electrical angle
- Power rating of 1W at 70°C
- Rotational life of 4,000,000 shaft revolutions
- $\pm$ 20% resistance tolerance

**Specifications:**

Element Material	Conductive Plastic
Linearity	±2%
Mounting Type	Panel Mount
Termination Style	Solder
Mechanical Rotation	360°
Shaft Length	18 mm
Diameter	22 mm
Dimensions	22 (dia.) x 29.15 mm
Length	29.15 mm
Maximum Operating Temperature	+105°C
Maximum Resistance	1 kΩ
Minimum Operating Temperature	-50°C
Mounting Hole Diameter	15 mm
Power Rating	1 W
Temperature Coefficient	±400 ppm/°C
Tolerance	±20%
Shaft Diameter	6 mm
Dielectric Strength	500 V ac
Insulation Resistance	1000 MΩ