

Datasheet

RS Pro NPS22 Series Conductive Plastic Potentiometer with a 3 mm Dia. Shaft, 1k Ω , $\pm 20\%$, 1W, $\pm 400\text{ppm}/^\circ\text{C}$, Panel Mount

RS Stock No: **842-7147**



Product Details

RS Pro conductive plastic potentiometer offers resistance up to 1 k Ω . This 1 W rated potentiometer includes a shaft of 6 mm diameter and provides 360° mechanical rotation.

Features and Benefits

- 360° mechanical rotation angle
- $\pm 20\%$ standard resistance tolerance
- Power rating of 1W at 70°C

Specifications:

Element Material	Conductive Plastic
Linearity	±2%
Mounting Type	Panel Mount
Termination Style	Solder
Mechanical Rotation	360°
Shaft Length	12 mm
Diameter	22.22 mm
Dimensions	22.22 (dia.) x 28 mm
Length	28 mm
Maximum Operating Temperature	+105°C
Maximum Resistance	1 kΩ
Minimum Operating Temperature	-50°C
Mounting Hole Diameter	19.05 mm
Power Rating	1 W
Temperature Coefficient	±400 ppm/°C
Tolerance	±20%
Number of Turns	1
Shaft Diameter	3 mm
Dielectric Strength	500 V ac
Insulation Resistance	1000 MΩ