

Datasheet

RS Pro P40 Series Wire-Wound Potentiometer with a 6.35 mm Dia. Shaft, 50k Ω , $\pm 10\%$, 3W, $\pm 150\text{ppm}/^\circ\text{C}$, Panel Mount

RS Stock No: 842-7096



Product Details

RS Pro wire-wound potentiometer offers resistance up to 50 k Ω with a temperature coefficient of $\pm 150\text{ppm}/^\circ\text{C}$. This 3 W rated potentiometer includes a 6.35 mm diameter shaft and provides 285° rotation.

Features and Benefits

- $\pm 10\%$ standard resistance tolerance
- 285° rotation (mechanical angle)
- Power rating of 3W



Specifications:

Element Material	Wire Wound
Linearity	±0.75%
Mounting Type	Panel Mount
Termination Style	Solder
Mechanical Rotation	285°
Shaft Length	25 mm
Diameter	40 mm
Dimensions	40 (dia.) x 41 mm
Length	41 mm
Maximum Operating Temperature	+105°C
Maximum Resistance	50 kΩ
Minimum Operating Temperature	-40°C
Mounting Hole Diameter	15 mm
Power Rating	3 W
Temperature Coefficient	±150 ppm/°C
Tolerance	±10%
Number of Turns	1
Shaft Diameter	6 mm
Dielectric Strength	500 V ac
Insulation Resistance	1000 MΩ