

Datasheet

RS Pro 50WW Series Wire-Wound Potentiometer with a 6 mm Dia. Shaft, 1k Ω , \pm 10%, 3W, \pm 50ppm/ $^{\circ}$ C, Servo Mount

RS Stock No: 842-7153



Product Details

RS Pro wire-wound potentiometer offers resistance up to 1 k Ω . This 3 W rated potentiometer includes a shaft of 6 mm diameter 360 $^{\circ}$ mechanical rotation.

Features and Benefits

- Wirewound
- \pm 10% standard resistance tolerance
- 360 $^{\circ}$ mechanical rotation
- 355 $^{\circ}$ electrical angle
- Power rating of 3W at 70 $^{\circ}$ C

**Specifications:**

Element Material	Wire Wound
Linearity	±0.5%
Mounting Type	Servo Mount
Termination Style	Solder
Mechanical Rotation	360°
Shaft Length	21.5 mm
Diameter	50.9 mm
Dimensions	50.9 (dia.) x 43.43 mm
Length	43.43 mm
Maximum Operating Temperature	+105°C
Maximum Resistance	1 kΩ
Minimum Operating Temperature	-40°C
Power Rating	3 W
Temperature Coefficient	±50 ppm/°C
Tolerance	±10%
Number of Turns	1
Shaft Diameter	6 mm
Dielectric Strength	500 V ac
Insulation Resistance	1000 MΩ