

Datasheet

RS Pro 40WW Series Wire-Wound Potentiometer with a 6 mm Dia. Shaft, 1k Ω , $\pm 10\%$, 3W, $\pm 50\text{ppm}/^\circ\text{C}$, Servo Mount

RS Stock No: 842-7150



Product Details

RS Pro wire-wound potentiometer offers resistance up to 1 k Ω with a temperature coefficient of $\pm 50\text{ppm}/^\circ\text{C}$. This 3 W rated potentiometer includes a shaft of 6 mm diameter and provides 360° rotation.

Features and Benefits

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

**Specifications:**

Element Material	Wire Wound
Linearity	±0.5%
Mounting Type	Servo Mount
Termination Style	Solder
Mechanical Rotation	360°
Shaft Length	15 mm
Diameter	36.5 mm
Dimensions	36.5 (dia.) x 36.43 mm
Length	36.43 mm
Maximum Operating Temperature	+105°C
Maximum Resistance	1 kΩ
Minimum Operating Temperature	-40°C
Power Rating	2 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