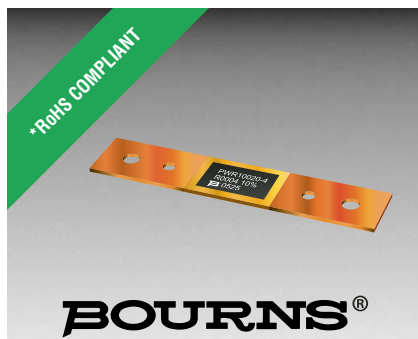




Features

- Low TCR
- Low electrical noise

Applications

- Motor control
- U.P.S.
- Power supplies
- Metering devices
- Welding

PWR10020 S Series Shunt Resistor

Material Specifications

Resistor.....Metal Plate CuNiMn
Lead Frame.....Nickel Plated Copper

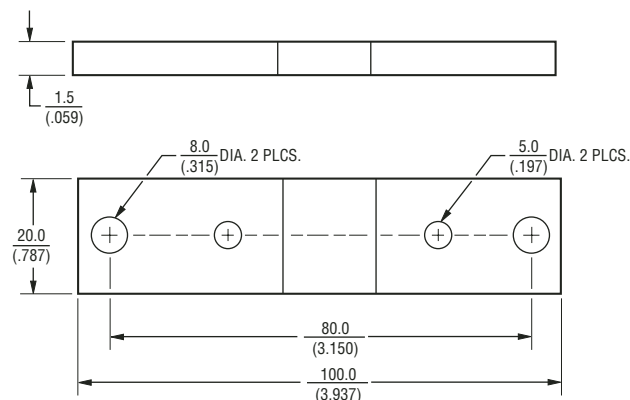
General Information

The Bourns® PWR10020 S Series, manufactured using CuNiMn metal alloy is specially designed for applications requiring high current values and high stability over a wide operating temperature range.

Electrical & Thermal Characteristics

Parameter	Condition	Min.	Nom.	Max.	Unit
Voltage Drop	0 °C < T < 60 °C		60		mV
Tolerance		3.0		5.0	%
TCR			±20.0		PPM/K
Current				150	A
Operating Temperature		-10		+55	°C

Product Dimensions



DIMENSIONS = $\frac{\text{MILLIMETERS}}{25.4}$
(INCHES)

How to Order

PWR 10020 - 4 S A

Model _____
PWR = Power Resistor

Package _____
10020 = 100 x 20 mm

Number of Pins _____
2 = 2
4 = 4

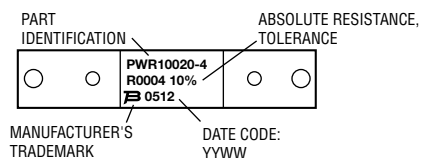
Function _____
S = Shunt

Version _____
A = 150 A, 60 mV 5 %
B = 150 A, 60 mV 5 % (with attachment screws)

Packaging

30 pcs./box

Typical Part Marking



Reliable Electronic Solutions

Asia-Pacific:

Tel: +886-2 2562-4117 • Fax: +886-2 2562-4116

Europe:

Tel: +41-41 768 5555 • Fax: +41-41 768 5510

The Americas:

Tel: +1-951 781-5500 • Fax: +1-951 781-5700

www.bourns.com

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Bourns:

[PWR10020-2SA](#) [PWR10020-2SB](#) [PWR10020-4SA](#) [PWR10020-4SB](#)