

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

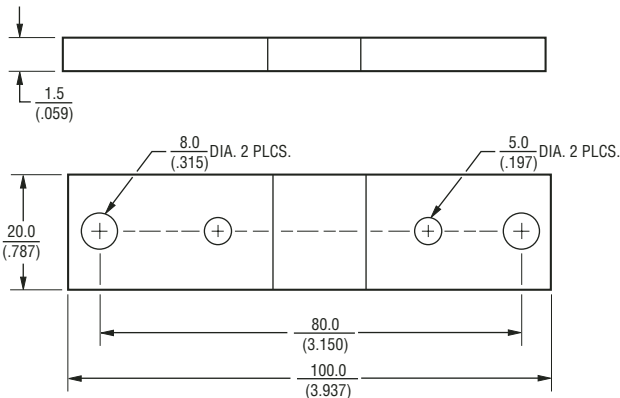
General Information

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

Product Dimensions



DIMENSIONS = MILLIMETERS
(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

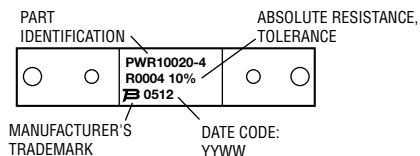
Function _____
 S = Shunt

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

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 Tel: +886-2 2562-4117 • Fax: +886-2 2562-4116
Europe:
 Tel: +41-41 768 5555 • Fax: +41-41 768 5510
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*RoHS Directive 2002/95/EC Jan 27 2003, including Annex
 Specifications are subject to change without notice.
 Customers should verify actual device performance in their specific applications.