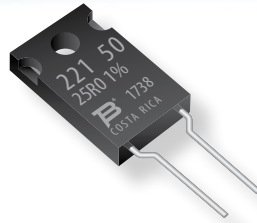


New Product Release

FIXED RESISTORS



Bourns Fixed Resistor Product Line Announces the New Model PWR221T-50 Series High Power Resistors

Riverside, California – January 3, 2019 – Bourns is pleased to announce the introduction of the new [Model PWR221T-50 Series](#) High Power Thick Film Resistors. This series is available in a compact TO-220 package utilizing thick film on ceramic technology which provides the advantage of low inductance and the ability to absorb power up to 50 watts when properly mounted to a heat sink.

Bourns offers a broad range of PWR series high power resistors in DPAK, D2PAK, TO-220 and TO-247 packages. This latest TO-220 package addition helps to further strengthen the PWR family.

The new PWR221T-50 Series through-hole, radial leaded resistor is available with a wide resistance value range from 20 milliohms to 130 kilohms and resistance tolerance options of 1 % and 5 %.

These resistors are constructed with a thick film resistive element on a white alumina ceramic substrate for contact with a heat sink which will be electrically isolated from the resistive element.

Bourns® PWR221T-50 models are ideal for current limiting, current measurement and capacitor discharge applications. Industrial and telecom applications such as test and measuring equipment, motor drivers, rectifiers, and power supplies are suitable for design-in.

This new family complements the other circuit conditioning components that Bourns offers such as power inductors and rectifier diodes. More information on Bourns® High Power Resistors is available at www.bourns.com/products/fixed-resistors/high-power-resistors.

For further details on these exciting new models, please contact [Bourns Customer Service/Inside Sales](#).

Features

- TO-220 housing
- Low inductance
- Ceramic backplane
- High power rating
- RoHS compliant*

Applications

- Power supplies
- Motor drives
- Test and measurement
- Rectifiers

* RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011.