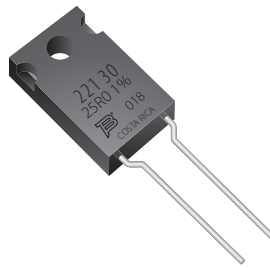


# Featured Products Bulletin

## POWER RESISTORS



### Bourns Releases New Power Resistor Series

Riverside, California - July 6, 2010 - Bourns® Fixed Resistors Product Line introduces the [Bourns® Model PWR221T-30](#). Model PWR221T-30 is a radial leaded resistor rated to 30 W continuous power in a TO-220 style package. The Free to Air Power Rating of the component is 2.25 W. The Model PWR221T-30 has a sealed thermoplastic housing and is designed to be placed on its back which is white alumina ceramic against a heat sink for higher power dissipation. As the alumina ceramic resistor substrate is larger in Model PWR221T than other Bourns® TO-220 style power resistor models, it provides greater strength when it receives surges or sudden bursts of energy. Comparing the pulse charts on the data sheets of Bourns® Models PWR221T-30 and PWR220T-20, there is a significant difference (for example, 18 joules in 0.1 seconds for Model PWR221T-30 vs. 10 joules in 0.1 seconds for Model PWR220T-20).

The wide resistance range, pulse power handling capability and low inductance make it suitable for functions such as current limiting, current sensing, capacitor discharge in uninterruptible power supplies, welding machines, automation, lighting, telecom power supplies, aerospace, automotive and railway equipment.

#### Features

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

#### Applications

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