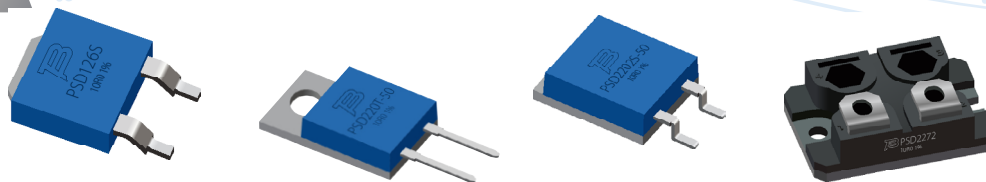




# NEW PRODUCT RELEASE

## RESISTORS



### Riedon™ PSD126, PSD220T-50, PSD220S and PSD227x Series Thick Film Resistors by Bourns

Riverside, California - November 25, 2025 – Bourns is pleased to announce the expansion of the Thick Film Power Resistor product portfolio with the release of the Riedon™ [PSD126](#), [PSD220T-50](#), [PSD220S](#) and [PSD227x](#) Series by Bourns.

These resistors are constructed using thick film technology for enhanced power dissipation and reliability. Bourns offers these products in TO-126, TO-220, TO-227, and SMD DPAK packages. These products can also be customized upon request.

The new Thick Film Resistors are designed to provide low inductance, excellent pulse handling capabilities, and elevated power ratings. The new models are optimal solutions for a wide range of industrial automation and renewable energy applications.

Series	Power Rating (W)	Resistance Range (Ω)	Temperature Coefficient of Resistance (TCR)	Tolerances	Thermal Resistance
PSD126	25	0.025 to 10k	±100 to ±500 ppm/°C	1 – 5 %	6.0 K/W
PSD220T-50	50	0.02 to 15k	±50 to ±600 ppm/°C	1 – 5 %	2.1 K/W
PSD220S	30 to 50	0.02 to 100k	±50 to ±600 ppm/°C	1 – 5 %	2.1 to 3.5 K/W
PSD227x	100 to 200	0.05 to 5M	±50 to ±300 ppm/°C	1 – 10 %	0.35 to 0.7 K/W

For more details, please visit the Bourns website at [bourns.com](https://bourns.com). If you have any questions or need additional information, please feel free to contact [Bourns Customer Service/ Inside Sales](#).

#### Features

- Formerly a Riedon™ product
- High power rating
- Low inductance
- Suitable for most types of soldering processes
- RoHS compliant\*

#### Applications

- Power supplies
- Motor drives
- Test and measurement
- Rectifiers
- Capacitor discharging
- Snubber circuits
- Current limiting
- Heaters

#### Additional Information

[DATA SHEETS](#)[PRODUCT SELECTOR](#)[TECHNICAL LIBRARY](#)[INVENTORY](#)[SAMPLES](#)[CONTACT](#)

\* RoHS Directive 2015/863, Mar 31, 2015 and Annex.

"Bourns" is a registered trademark of Bourns, Inc. in the United States and other countries. In April 2023, BE Services Company, Inc., a subsidiary of Bourns, Inc., purchased certain assets of Riedon, Inc., including its logo and trademarks and the right to continue to manufacture former Riedon™ products. "Riedon Logo" is a registered trademark of BE Services Company, Inc. in the United States.

"Riedon" is a trademark of BE Services Company, Inc.

N2583