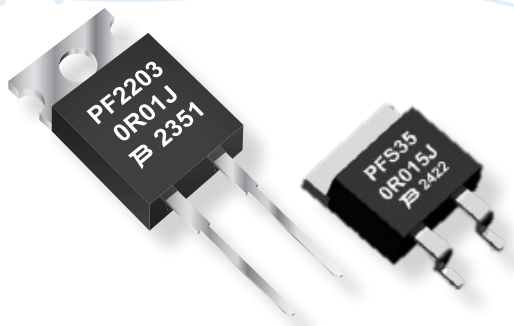




PRODUCT ACQUISITION RELEASE

RESISTORS



Bourns Releases Riedon™ High Power Thick Film Resistors

Riverside, California – November 15, 2024 – Bourns is pleased to announce the introduction of Riedon™ High Power Thick Film Resistors by Bourns. The Model [PF2203](#) and [PFS35](#) Series, utilizing thick film technology, are available in compact TO-220 and DPAK packages, respectively. These products offer low inductance, power ratings of 35 W, a wide resistance value range from 10 mΩ to 51 kΩ, and resistance tolerance options of $\pm 1\%$ and $\pm 5\%$.

Bourns offers a broad range of similar high power resistors in DPAK, D2PAK, TO-220 and TO-247 packages. The Riedon™ High Power Thick Film Resistors by Bourns further strengthens Bourns' resistor product offerings. Riedon™ High Power Thick Film Resistors by Bourns are ideal for current limiting, current measurement, and capacitor discharge applications. Industrial motor drives, power conversion, and battery energy storage systems are suitable for design-in.

Series	Product Image	Power Rating (W)	Tolerance	Resistance Range (Ohms)	Temperature Coefficient (TCR) (PPM/°C)	Temperature Range (°C)
PF2203		35	$\pm 1\%$, $\pm 5\%$	0.02 – 51K	± 50 to ± 250	-55 to +175
PFS35		35	$\pm 1\%$, $\pm 5\%$	0.01 – 51K	± 50 to ± 250	-55 to +175

*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.

The Riedon logo is a registered trademark of BE Services Company, Inc. in the United States.

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

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Visit the Bourns Technical Library for application notes, white papers, and other resistor technical documents: www.bourns.com/resources/technical-library/library-documents/resistors-technical-library. For further details on these exciting new models, please contact [Bourns Customer Service / Inside Sales](#).

Features

- Excellent pulse handling capabilities with power ratings of 35 W
- Exceptional heat dissipation with operating temperatures up to +175 °C
- Low temperature coefficient values of ± 50 PPM/°C for select resistance values
- Compact design with TO-220 and DPAK package options
- RoHS compliant*

Applications

- AC-DC, DC-DC power converters
- Battery Energy Storage Systems (BESS)
- Capacitor recharge/discharge circuits
- Industrial power supplies, inverters and motor drives
- Current sensing