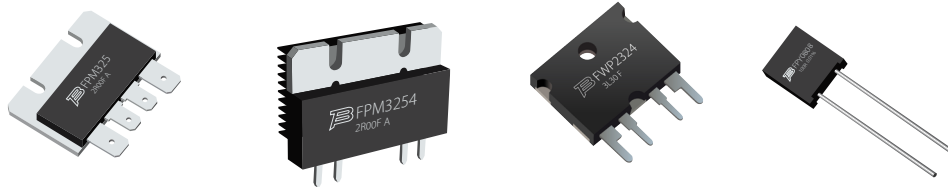




# NEW PRODUCT RELEASE

## RESISTORS



### Riedon™ FPM, FPV, FWP2324 and FPY Series Foil Resistors by Bourns

Riverside, California - November 26, 2025 – Bourns is pleased to announce the introduction of the Foil Resistor product portfolio with the release of the Riedon™ [FPM](#), [FPV](#), [FWP2324](#), and [FPY](#) Series by Bourns.

These resistors are constructed using metal foil technology for enhanced accuracy and reliability. Bourns offers these products with 2-pin and 4-pin rectangular packages, isolated backplates and 4-pin packages with heat sinks. These products can also be customized upon request.

The new Riedon™ Foil Resistors by Bourns are designed to provide highly accurate and rugged performance for current sensing applications. The new models are optimal solutions for a wide range of consumer, industrial, and telecommunication applications.

Series	Max. Power Rating (W)	Resistance Range ( $\Omega$ )	TCR (PPM/°C)	Tolerances
FPM	Heat sink: 40	0.01 to 100	$\pm 15$ to $\pm 50$	$\pm 0.1\%$ , $\pm 0.25\%$ , $\pm 0.5\%$ , $\pm 1\%$ , $\pm 2\%$ , $\pm 5\%$
FPV	Heat sink: 50	0.05 to 650	$\pm 1$ to $\pm 5$	$\pm 0.01\%$ , $\pm 0.02\%$ , $\pm 0.05\%$ , $\pm 0.1\%$ , $\pm 0.25\%$ , $\pm 0.5\%$ , $\pm 1\%$
FWP2324	Heat sink: 40	0.001 to 50	$\pm 2$ to $\pm 25$	$\pm 0.01\%$ , $\pm 0.25\%$ , $\pm 0.5\%$ , $\pm 1\%$ , $\pm 2\%$ , $\pm 5\%$
FPY	2	1 to 150k	$\pm 1$ to $\pm 4.5$	$\pm 0.005\%$ , $\pm 0.01\%$ , $\pm 0.02\%$ , $\pm 0.05\%$ , $\pm 0.1\%$ , $\pm 0.5\%$ , $\pm 1\%$

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

- Very high power: 2 to 50 watts
- Very low resistance: 0.001  $\Omega$  to 150k  $\Omega$
- Excellent long term stability
- Low TCR:  $\pm 1$  to  $\pm 50$  PPM/°C
- Variety of packages available
- Customization available
- RoHS compliant\*

#### Applications

- Current sense
- Industrial
- Consumer
- Telecommunications
- Battery management systems
- DC/DC converters
- Motor drives

#### 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.

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