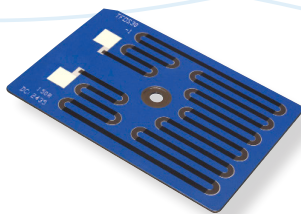




NEW PRODUCT RELEASE

TRIMPOT® PRODUCTS



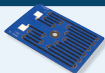
Bourns Releases AEC-Q200 Compliant, Automotive Grade Thick Film on Steel

Model TFOS30-1-150T

Riverside, California – June 10, 2025 – Bourns is pleased to announce the release of the new Thick Film on Stainless Steel [Model TFOS30-1-150T](#). Low profile, thick film printing on stainless steel is designed for high energy applications, offering an exceptional power rating and extended temperature range.

Although this printing technology is commonly used on ceramic, printing done on stainless steel allows for the product to be used in a variety of demanding and power-intensive applications while taking advantage of the properties of the stainless steel substrate. The high power/energy capability of the Bourns® Model TFOS30-1-150T can be used in pre-charge or discharge applications when a high level of performance is required.

Thick film printing is and has been one of Bourns core competencies for over 50 years. The Model TFOS30-1-150T utilizes that knowledge to provide a tailored product to meet your needs. In addition, Bourns' product engineers are able to support modification and customization requests for your specific application.

Model	Product Image	Power Rating (W)	Power Rating on Fan-Cooled Heat Sink (W)	Tolerance (%)	Resistance (Ohms)	Temperature Range (°C)
TFOS30-1-150T		260	900	±10	150	-55 to +125

Features

- High power rating
- Through-hole single mounting
- Low inductance
- AEC-Q200 compliant
- RoHS compliant*
-  **AUTOMOTIVE GRADE**

Applications

- AC-DC, DC-DC power converters
- Battery Energy Storage Systems
- Industrial power supplies
- Motor drives
- Dynamic braking systems
- Heaters
- Elevators
- Consumer products
- Solar inverters

Customization Options Available

- Alternative shapes and sizes
 - Dimensions up to 406 mm x 406 mm
- Alternative ohmic values
- Alternative resistance tolerance
- Increased dielectric specifications
- Integration of multiple resistors
- Alternative grade of stainless steel
- Various terminations
 - Solder pads
 - Push on connectors
 - Flying leads

For further details on this exciting new model, please contact [Bourns Customer Service/Inside Sales](#) or your local FAE.

Additional Information

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

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

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