



Vishay Intertechnology Thick Film Resistor Sample Kits Simplify Device Selection and Validation, Accelerate Time to Market

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Evaluation-Ready Solutions Offer 20 W and 35 W Ratings in TO-252 (DPAK) and TO-263 (D²PAK) Packages, Resistance from 1 Ω to 47 k Ω , AEC-Q200 Qualification, and Optional PCB Test Boards

MALVERN, Pa., Sept. 24, 2026 (GLOBE NEWSWIRE) -- Vishay Intertechnology, Inc. (NYSE: VSH) today introduced four thick film resistor sample kits designed to simplify component selection and validation for high power designs, while reducing time to market. Providing complete, evaluation-ready solutions, each kit includes surface-mount, Automotive Grade devices in TO-252 (DPAK) and TO-263 (D²PAK) packages, with high power ratings, a wide range of resistance values, and an optional PCB test board to enable fast, reliable electrical and thermal evaluation.

Devices in the Vishay Sfernice D2TO20, D2TO35, DTO35, and DTO35 / D2TO35 sample kits offer high power ratings of 20 W and 35 W in their compact, surface-mount packages. This high power density allows designers to reduce the number of parallel resistors or larger through-hole devices required, saving board space. Ideal for automotive, industrial, and other high reliability designs, all resistors in the kits are AEC-Q200 qualified, eliminating the need for additional component qualification during development.

Covering a wide resistance range from 1 Ω to 47 k Ω with selected E-series values, the kits reduce sampling efforts and minimize the need for additional sample orders compared to typical single-value or single-package kits. Supplied on cardboard tape strips, with each strip holding four resistors, devices are sorted in ascending order of resistance value and clearly labeled for easy identification. Combined with optional PCB test boards, this organization reduces lab setup time and accelerates design-in.

The resistors feature a non-inductive construction and electrical isolation between the resistor element and the metal tab, ensuring stable high frequency performance and enhanced safety. Compatibility with standard surface-mount assembly processes, including proven reflow resistance up to 270 °C for 10 s, improves assembly margin and manufacturing yield.

Device Specification Table:

Resistor Series	Sample Kit Name	Ordering Number	Resistance	Power at 25 °C	Package
D2TO20	D2TO 20 SAMPLE KIT	ACCLFFD2TO20SPLKIT	1 Ω to 47 k Ω	20 W	TO-263 (D ² PAK)
D2TO35	D2TO 35 SAMPLE KIT	ACCLFFD2TO35SPLKIT		35 W	TO-263 (D ² PAK)
DTO35	DTO SAMPLE KIT	ACCLFFDTOSPLKIT		35 W	TO-252 (DPAK)
DTO35 and D2TO35	DTO D2TO Sample Kit	ACCLFFDTOD2TOSPLKIT		35 W	TO-252 (DPAK); TO-263 (D ² PAK)

Samples of the new resistor sample kits are available now, with lead times of four weeks.

Vishay manufactures one of the world's largest portfolios of discrete semiconductors and passive electronic components that are essential to innovative designs in the automotive, industrial, computing, consumer, telecommunications, military, aerospace, and medical markets. Serving customers worldwide, Vishay is **The DNA of tech.**® Vishay Intertechnology, Inc. is a Fortune 1000 Company listed on the NYSE (VSH). More on Vishay at www.Vishay.com.

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Links to product datasheets:

[D2TO 20 SAMPLE KIT product page](#)

[D2TO 35 SAMPLE KIT product page](#)

[DTO SAMPLE KIT product page](#)

[DTO D2TO Sample Kit product page](#)

Link to product photo:

<https://www.flickr.com/photos/vishay/albums/72177720335655446>

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