



The DNA of tech.



Inductor Portfolio Expansion, Part 5: New Vishay Dual-Winding, Coupled Ferrite Power Inductors



To simplify your inductor sourcing process, Vishay is adding a host of new products that fill out our inductor portfolio with more device options and higher inductance values at a wider range of price points. These products will provide additional options for designs where achieving a specific price / performance ratio is key.

For our next release, we're announcing the availability of two new dual-winding, coupled ferrite power inductors in compact surface-mount packages featuring a magnetically shielded ferrite construction. Both will be available from our worldwide network of distributors in June 2025.

The Vishay Dale IFCL-3030DE and IFCL-5050HZ offer higher inductance values than previously available with our IHCL series – 0.5 μ H to 1000 μ H – while their highly coupled windings enable a flexible topology that allows for parallel or series connections, in addition to a 1:1 transformer mode. Popular applications for the devices include SEPIC power supplies, LED lighting, filtering, and isolating in consumer appliances, energy meters, industrial automation systems, and more.

To learn more about product specifics, just click on the Vishay part numbers in the table below.

Dual-Winding, Coupled Ferrite Power Inductors

Vishay Series	Product Photo	Specification Summary
IFCL-3030DE		0.8 μ H to 1000 μ H 5.3 A to 0.24 A 7.3 mm x 7.3 mm x 4.5 mm
IFCL-5050HZ		0.5 μ H to 1000 μ H 13.5 A to 0.6 A 12.5 mm x 12.5 mm x 6.0 mm

Contact Information

Product Marketing Team, Standard Inductors
magnetics@vishay.com