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Fast Facts

Product Group: Vishay Dale, Inductors / November 2025



Inductor Portfolio Expansion, Part 7: New Vishay TLVR Inductors

To simplify your magnetics sourcing process, Vishay is adding a host of new products that fill out our portfolio with more device options and package sizes 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 four new TLVR (two-level voltage regulation) inductors for multi-phase voltage regulator (VR) designs, such as in high performance CPUs, GPUs, and ASICs. They support a two-stage power architecture where regulation occurs at both the VR and the load, enabling faster transient response, and lower power loss.

To learn more about product specifics, and to check availability at the Sample Order Center and our distributors, just click on the Vishay part numbers in the table below.

IHTL Series Coupled Ferrite and Powdered Iron Solutions

	Model	Inductance Range (nH)		DCR (mΩ)	Heat Rating Current (A)	Saturation Current (A)	Size (mm x mm x mm)	Max Temp Rating
		Min.	Max			$\Delta L = -20\%$		
	IHTL3825JE	100	220	0.125	75	50 to 98	9.6 x 6.4 x 10.5	125 °C
	IHTL4020LZ	70	90	0.125	75	98 to 127	10.0 x 5.0 x 12.0	125 °C
	IHTL5025HZ	80	120	0.1	78	70 to 105	12.0 x 6.0 x 8.0	125 °C
	IHTL5025KB	100	200	0.125	77	53 to 118	10.25 x 6.4 x 10	125 °C

Contact Information

The Americas
Nate Lien
Nate.lien@vishay.com

Europe
Jessica Braun
jessica.braun@vishay.com

Asia / Pacific
Jacky Kim
jacky.kim@vishay.com