



Vishay Intertechnology Commercial and Automotive Grade Low Profile Common Mode Chokes Offer High Shock and Vibration Resistance

September 1, 2026

Available With SMD or Through-Hole Mounting Options, Customizable Devices Offer Heat Rating Current to 30 A and High Operating Temperatures Up to +150 °C

MALVERN, Pa., Sept. 01, 2026 (GLOBE NEWSWIRE) -- Vishay Intertechnology, Inc. (NYSE: VSH) today introduced two new low profile common mode chokes for high current automotive, energy, and industrial applications. Available in both surface-mount and through-hole packages, the Vishay Dale commercial [ICMS2321-10](#) and Automotive Grade [ICMS2321-1A](#) combine a heat rating current to 30 A with a 1500 V_{DC} dielectric withstand voltage between coils.

With their low profile, the devices released today offer a reduced size and volume, making them more resistant to shock and vibration, while their enhanced core design increases performance and saturation current at high temperatures up to +150 °C. Offering a self-shielded, rugged construction, the common mode chokes are ideal for DC/DC converters, high voltage inverters, EMI filters, and high current filters for noise suppression in motor control and other circuitry. The AEC-Q200 qualified ICMS2321-1A is well suited for use in automotive on-board chargers.

In addition to their surface-mount and through-hole mounting options, the ICMS2321-10 and ICMS2321-1A offer customizable inductance, impedance, DCR, and current ratings. Devices with surface-mount terminations are available in tape and reel packaging and are compatible with automated pick and place assembly for increased flexibility in board layouts. The common mode chokes are RoHS-compliant, halogen-free, and [Vishay Green](#).

Device Specification Table:

Part number		ICMS2321-10	ICMS2321-1A
Inductance		70 µH to 480 µH	
DCR typ.		1.2 mΩ to 13.4 mΩ	
DCR max.		1.3 mΩ to 15.0 mΩ	
Common mode impedance	@ 1 MHz	540 Ω to 3790 Ω	
	@ 10 MHz	345 Ω to 1920 Ω	
	@ 100 MHz	220 Ω to 410 Ω	
Heat rating current typ. ⁽¹⁾		7 A to 20 A	
Heat rating current typ. ⁽²⁾		10 A to 30 A	
Leakage max.		1.7 µH to 11.5 µH	
AEC-Q200		No	Yes

⁽¹⁾ DC current (A) that will cause an approximate ΔT of 40 °C

⁽²⁾ DC current (A) that will cause an approximate ΔT of 100 °C

Samples and production quantities of the ICMS2321-10 and ICMS2321-1A are available now, with lead times of 12 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:

<http://www.vishay.com/ppg?34675> (ICMS2321-10)

<http://www.vishay.com/ppg?34702> (ICMS2321-1A)

Link to product photo:

<https://www.flickr.com/photos/vishay/albums/72177720335226843>

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