



NEWS RELEASE

# SMART Modular Technologies Announces New DDR5 Industrial Grade Modules

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NEWARK, Calif., July 27, 2021 — **SMART Modular Technologies**, Inc. ("SMART"), a **SMART Global Holdings, Inc.** company (NASDAQ: **SGH**) and a global leader in memory solutions, solid-state drives and hybrid storage products, announces the introduction of new **DDR5 modules** that feature enhanced endurance and stability for industrial applications. These new DRAM modules combine the advanced technology of DDR5 with SMART Modular's unique, rigorous test processes.

SMART applies its stringent testing processes to ensure reliable operation at industrial-grade temperatures (-40°C to +85°C). Customized SMART test programs and test flows combined with specialized burn-in equipment are used to screen out DRAM components that are likely to fail under temperature stress, resulting in modules that exhibit some of the lowest DPPM rates in the industry. SMART's industrial-grade modules are 100 percent system tested at high speeds, starting with a cold boot at -40°C and ramping to +85°C ambient operation. High-utilization customized testing software fully stresses all cells in the DRAM through the complete temperature cycle.

"SMART applies all of its proven industrial-grade feature sets, including burn-in, conformal coating, anti-sulfur resisters and other processes to these new modules," states Arthur Sainio, director of product marketing at SMART Modular Technologies. "These added features ensure that our DDR5 modules can operate reliably in the harshest operating environments."

For additional reliability, SMART also offers its **SMART ARC™** (Anti-vibration Retention Clamp), a locking retention device explicitly designed to secure memory modules used in operating environments that require maximum stabilization in the field.

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About SMART Modular Technologies, Inc.

For more than 30 years, **SMART Modular Technologies** has been helping customers around the world enable high performance computing through the design, development and advanced packaging of specialty memory solutions. Our robust portfolio ranges from today's leading edge technologies to standard and legacy DRAM and Flash storage products. We provide standard, ruggedized and custom memory and storage solutions that meet the needs of diverse applications in high-growth markets.

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