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FOR IMMEDIATE RELEASE

**3DEO WINS GRAND PRIZE IN ELECTRONIC/ELECTRICAL COMPONENTS CATEGORY
AT 2025 MPIF DESIGN EXCELLENCE AWARDS**

Award underscores 3DEO's market leadership in high-precision pure copper additive manufacturing, unlocking new growth across electronics, semiconductors, aerospace, and energy sectors.

Torrance, C.A. (July 9, 2025) - [3DEO](#), a global leader in design, engineering, and metal additive manufacturing (AM), has been awarded the Grand Prize in the Electronic/Electrical Components Category at the 2025 Powder Metallurgy Design Excellence Awards, presented by the Metal Powder Industries Federation (MPIF). This top honor recognizes 3DEO's proprietary solution that consolidates a complex multi-part electrical assembly into a streamlined, highly functional design, leveraging advanced design for additive manufacturing (DfAM) and pure copper processing.

"This award exemplifies what sets 3DEO apart—our ability to solve highly complex engineering challenges through advanced design collaboration and proprietary technology," said Scott Dennis, CEO of 3DEO. "Pure copper has long been one of the most difficult materials to process in AM, and our team's breakthrough demonstrates both the maturity of our platform and its real-world applicability across industries demanding exceptional thermal and electrical performance."

Pure copper offers unmatched conductivity properties critical to next-generation power electronics, semiconductor cooling, RF systems, and energy storage. Yet, its high reflectivity, thermal conductivity, and sensitivity to process variation have historically limited adoption in additive manufacturing. 3DEO's patented Intelligent Layering® technology overcomes these barriers, enabling the production of fully dense, highly precise copper components with superior surface finish and mechanical stability—at scale.

"This is not a lab demonstration—this is production-grade manufacturing," added Dennis. "We built 3DEO to provide industrial customers with a complete end-to-end solution that bridges the gap between

design freedom and manufacturing scalability. Our ability to design, validate, and manufacture pure copper assemblies opens up entirely new categories of applications across advanced computing, aerospace propulsion, power systems, and next-generation electrification."

The award-winning assembly integrates multiple subcomponents into a unified, high-performance electrical assembly—reducing parts count, eliminating fasteners and complex interfaces, improving reliability, and accelerating time-to-market. The design freedom offered by 3DEO's process allows previously impossible geometries, advanced cooling pathways, and system-level optimizations that deliver superior performance while simplifying manufacturing workflows.

3DEO's recognition at MPIF adds to its growing track record of commercial and technical validation, following strategic investments from leading global partners across aerospace, semiconductor, and industrial markets. The company's full-stack AM platform—combining proprietary hardware, software, robotics, materials science, and DfAM expertise—positions 3DEO at the forefront of scalable, production-grade additive manufacturing.

ABOUT 3DEO

3DEO, headquartered in Torrance, California, is a leader in metal additive manufacturing solutions, specializing in precision-engineered, high-performance parts, assemblies and subsystems. Driven by a deep expertise in design and engineering, 3DEO excels in unlocking the full potential of its customers' products using its proprietary Intelligent Layering® AM technology and full stack manufacturing ecosystem. 3DEO partners closely with customers to deliver tailored solutions that align with their strategic plans. Whether undertaking the complete design and manufacturing process or collaborating to enhance design capabilities over time, 3DEO offers the fastest and most efficient path to achieving functional and optimized assemblies and subsystems. As an ISO 9001:2015 certified provider, 3DEO is committed to delivering the highest standards of quality and reliability. For more information, visit www.3deo.co.

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