

**Press Release****Heraeus Electronics Wins 2023 GLOBAL Technology Award for Solder Alloy Innovation**

Heraeus Electronics is proud to announce its receipt of the prestigious 2023 GLOBAL Technology Award in the category of Solder Paste. The award highlights the contribution made by Heraeus Electronics' Microbond® SMT660 Innolot® 2.0 solder paste. The award was announced during an award ceremony that took place at productronica in Munich on Nov. 14, 2023.

Heraeus Electronics' Microbond® SMT660 Innolot® 2.0 solder alloy is innovating the automotive industry's approach to highly reliable and cost-effective solder alloys. This solution empowers manufacturers with the ability to maintain a competitive Total-Cost-of-Ownership (TCO) while satisfying emerging industry requirements.

The Microbond® SMT660 Flux in combination with either the well-known Innolot® or the new Innolot® 2.0 alloy delivers exceptional performance and reliability, further solidifying Heraeus' commitment to innovating bonding materials in the automotive electronics landscape.

The Microbond SMT660 Series offers exceptional reflow performance, standing out for its excellence in the reflow process without the need for additional nitrogen (N<sub>2</sub>). This feature effectively minimizes defect rates and contributes to a reduced Total-Cost-of-Ownership (TCO) for manufacturers. Heraeus Electronics' innovation aligns seamlessly with the industry's quest for reliability and cost-efficiency, making the Microbond SMT660 Innolot 2.0 solder alloy an indispensable asset for the automotive sector.



The GLOBAL Technology Awards, established in 2005, have become an industry benchmark, celebrating exceptional standards and groundbreaking solutions within the global SMT and advanced packaging industry. The award recognizes companies and individuals who consistently drive the industry forward with their outstanding innovations.

Heraeus Electronics remains at the forefront of innovation, continually pushing boundaries and introducing solutions that empower manufacturers to thrive in a dynamic and evolving market.

To learn more about Heraeus Electronics, visit [www.heraeus-electronics.com](http://www.heraeus-electronics.com).

**About Heraeus**

The Heraeus Group is a broadly diversified and globally leading family-owned technology company, headquartered in Hanau, Germany. The company's roots go back to a family pharmacy started in 1660. Today, Heraeus bundles diverse activities in the Business Platforms Metals and Recycling, Healthcare, Semiconductor and Electronics as well as Industrials. Customers benefit from innovative technologies and solutions based on broad materials expertise and technological leadership.

In the 2022 financial year, the group generated revenues of €29.1 billion (US\$30.6 billion\*) with approximately 17,200 employees in 40 countries. Heraeus is one of the top 10 family-owned companies in Germany and holds a leading position in its global markets.

(\* calculated with 2022 average exchange rate, 1€ = 1.0530 US\$)

**About Heraeus Electronics**

Heraeus Electronics is a leading manufacturer of materials for the assembly and packaging of devices in the electronics industry. The company develops material solutions for the automotive, power electronics and advanced semiconductor packaging market and offers its customers a broad product portfolio - from materials and material systems to services.

**Media Contact**

Christian Spielmann

Press Contact Heraeus Electronics

0049 6181 35-4326  
christian.spielmann@heraeus.com