Press Information

Kyocera brings comprehensive ceramic expertise to The Advanced Ceramics Show 2026

From semiconductor technologies to advanced ceramics and automotive applications, Kyocera will present a broad range of solutions at the exhibition and conference taking place on July 08-09 in Birmingham, UK.

Kyoto/London, 23rd June 2026. Kyocera will once again be part of The Advanced Ceramics Show 2026 (Booth # 412), presenting an array of innovative products and technologies designed to support key industries and improve efficiency across a wide range of applications.

The company continues to strengthen its position in three strategic business areas through the development of high-performance materials and customised technologies:

1. Semiconductor Components
2. Fineceramic Components
3. Automotive Components

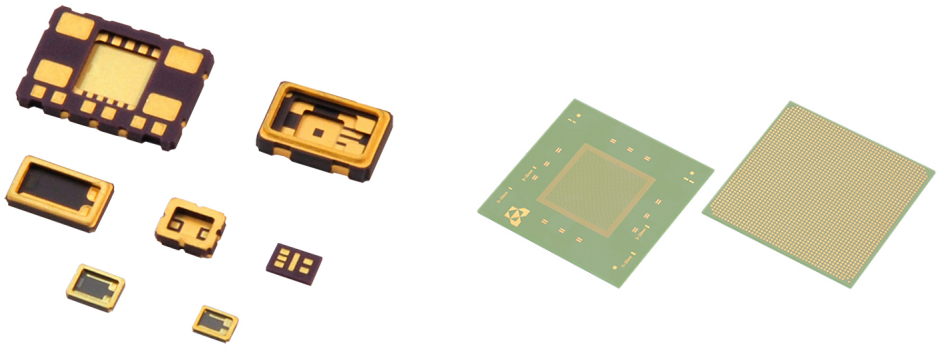
1. Semiconductor Components

With semiconductor technologies playing an increasingly important role in modern industry, Kyocera is continuously advancing solutions that perform reliably even under demanding environmental conditions. Key focus areas include:

- **Quantum technologies:** Quantum Technologies are enabling new possibilities in computing, sensing, and secure communication across industries such as finance, medicine, automotive, and chemistry. Qubits, the basis of quantum information processing, allow significantly faster and more complex calculations while also enabling highly sensitive magnetic field detection. Kyocera supports these developments with advanced ceramic materials and specialised assembly technologies.
- **Aerospace:** Electronic systems used in aerospace applications must operate with precision and reliability under extreme conditions. Kyocera's ceramic packaging technologies offer hermetic sealing, stable dielectric properties, and low-loss interconnects within robust 3D or planar structures. As aerospace electronics become increasingly integrated and energy efficient, these solutions provide the scalability and durability required by the industry.
- **Data transfer:** Connectivity needs fast and reliable data transfer to deploy its vast possibilities, including Industrial IoT, smart healthcare, and autonomous mobility. Kyocera

contributes to next-generation communication infrastructures with components supporting fibre optic Ethernet and advanced 5G/6G millimetre-wave technologies.

- **Sensor packaging:** Kyocera develops customised packaging technologies that help customers optimise sensor performance while meeting highly specific technical requirements.



Semiconductor Components: MEMS sensor packages and LTCC material for faster data transfer

- **High-class ceramic technology:** To address a wide variety of market requirements, Kyocera offers numerous packaging options combined with advanced design support. The company provides optimised packaging solutions tailored to individual customer needs. These include compact surface-mount leadless packages and customised MEMS structures with open-air cavity designs or other specialised configurations. MEMS sensors are widely used in automotive applications such as Electronic Stability Control (ESC) and Advanced Driver Assistance Systems (ADAS), as well as in consumer technologies including wearable devices and 3D virtual reality systems.

2. Fineceramic Components

Kyocera continuously expands its portfolio of technical ceramics to address the evolving requirements of modern industrial applications.

- **Industrial:** Advanced ceramics are valued for their exceptional material properties and versatility. Unlike many metals and plastics, technical ceramics can withstand acids, alkalis, and high temperatures with less impact on it's performance. For demanding applications in mechanical and plant engineering, Kyocera's high-performance ceramics for mechanical and plant engineering provide a durable and efficient alternative to conventional materials.
- **Mixing grinding products:** Kyocera's high corrosion-resistant ceramic solutions are particularly suited to challenging chemical environments involving acids, alkalis, and

solvents. Their durability and reliability help companies in the chemical industry improve process efficiency through the use of high-quality technical ceramic components.

- **Semiconductor industry:** Kyocera also offers a wide portfolio for the semiconductor industry, including single-crystal sapphire elements, metallised ceramics, and large monolithic components.

3. Automotive Components

Kyocera develops technologies that support more efficient mobility solutions. The portfolio includes:

- **Heaters:** Kyocera's ceramic heater is used in both industrial and automotive applications. Building on more than 30 years of expertise in ceramic lamination technology, the company develops highly reliable heaters with strong performance characteristics. These solutions allow customers to reduce heater size while maintaining high wattage and rapid heating capabilities. Kyocera also provides open-source tools and customised designs to meet individual application requirements.
- **Piezo products:** Kyocera's piezoelectric ceramic elements react to electrical voltage through vibration or expansion and, conversely, generate electricity when mechanical pressure is applied. Operating within the nanometre-to-micrometre range, these components enable extremely fast and precise movements, even under demanding automotive conditions. The electrical signals generated through pressure are used in sensing and detection technologies.

Overview – Kyocera at The Advanced Ceramics Show 2026

Show	The Advanced Ceramics Show 2026
Date	08th and 09th July 2026
Location	Birmingham, UK
Kyocera's booth	Booth # 412

About The Advanced Ceramics Show 2026

The Advanced Ceramics Show is Europe's premier event for the technical ceramics industry, bringing together experts from industry, academia, and applied research to showcase the latest developments and innovations in advanced ceramics. Key application areas include aerospace, energy, automotive, chemicals, electronics, medical, and defence. The event takes place alongside with The Advanced Materials Show, the Battery Cells & Systems Expo, and the Vehicle Electrification Expo. Together, the four exhibitions are expected to attract more than 300 exhibitors and over 5,500 visitors in July 2026.

The press material is available for download via the following link:

https://spgroup.box.com/s/ad88b5nhgbr8mgoh2n2edzhz8wnhqvj5

For more information on Kyocera: uk.kyocera.com

About Kyocera

Kyocera has been successful in Europe for over 50 years. From its European headquarters in Esslingen am Neckar, KYOCERA Europe GmbH operates 27 sites including manufacturing facilities, with products ranging from fine ceramics, automotive, semiconductor and optical components to components for medical products, industrial tools, LCDs, touch solutions, industrial printing components, and consumer goods such as kitchen and office products.

KYOCERA Europe GmbH is a company of the KYOCERA Corporation headquartered in Kyoto/Japan, a renowned supplier in semiconductor, industrial and automotive components as well as electronic components, printing and multifunction systems, smart energy systems, and communications technology. Kyocera is one of the most experienced technology producers, with more than 65 years of industry expertise. The Kyocera Group comprises 279 subsidiaries (31 March 2026). With around 73,800 employees, Kyocera generated net annual sales of around EUR 11.83 billion in the 2025/2026 fiscal year.

Kyocera is ranked 1,123 on Forbes magazine's 'Global 2000' list for 2025 and ranked as 'The 100 Most Sustainably Managed Companies in the World' according to the Wall Street Journal. For the fourth time Kyocera has received an A ranking on the CDP A List for their performance on climate change. Kyocera has also received a silver rating in the EcoVadis Sustainability Survey and was acknowledged as a 'Top 100 Global Innovator 2026' for the tenth time by Clarivate, being one of the world's leading innovators.

Kyocera also takes an active interest in cultural affairs. The Kyoto Prize, a prominent international award, is presented each year by the Inamori Foundation – established by Kyocera founder Dr Kazuo Inamori – to individuals worldwide who have contributed significantly to the scientific, cultural, and spiritual betterment of humankind (equivalent to approximately €539,000 per prize category).

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