

New Xerafy Micro X II Tag Enabling Automotive 4.0

The latest addition to the Micro X II family of tags meets automotive industry recommendations, including Germany's VDA 5500.

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/EINPresswire.com/ -- [Xerafy](#), the global leader and innovator of Gen2 passive UHF RFID metal tags, today announced that it has released a new Micro X II on-metal tag designed to meet the challenges of Industry 4.0 in the Automotive Industry for tracking parts and components across the supply chain, as well as tracking work-in-progress (WIP) and paint-shop applications in the assembly line.



Xerafy's new Micro X II Automotive RFID tag

The new Micro X II Automotive RFID tags allow automakers to meet the requirements of industry standards such as the German Association of the Automotive Industry VDA 5500 cross-application RFID recommendation, to help achieve a more agile supply chain and provide real time monitoring and traceability and customized flexibility.

"The ability to reliably track parts through the harsh, complex automotive manufacturing environment has always been a challenge," said Xerafy CEO and founder Dennis Khoo. "Our [Micro X II tag](#) family has already been qualified as the leading on-metal RFID tag for these applications by manufacturers like Volvo, Daimler, and Toyota. With the addition of the Micro X II Automotive tag, automotive suppliers and manufacturers will have access to a robust and reliable RFID tag that can provide real-time visibility throughout their manufacturing operations and the supply chain."

The new Micro X II Automotive RFID tags feature higher memory than previous generations of the Micro X II family, allowing data to be stored and associated to the parts they are attached to rather than on the server. This allows maximum flexibility and traceability throughout the manufacturing process, where auto parts may be produced and assembled in different plants. The new tags are available with more durable casing material and larger mounting holes to facilitate fast rivet attachment options.

Like the original Micro X II on-metal tag family, the new Micro X II Automotive is designed for a variety of rugged environments, and can perform under extreme heat and repeated exposure to caustic chemicals. The Micro X II Automotive tags will be available in two configurations: Micro X II Automotive and Micro X II Automotive-Paint Shop.

Both feature 2K-bit user memory and 256-bit TID memory, and are encased in engineering-grade nylon polymer, weighing 1.06 oz. (30 g). Tag dimensions are 57.6mm x 36.2mm x 7.5mm and can be attached mechanically using screws, pop rivets (3.2mm) and adhesive bonding.

The RFID tags can be used for applications in temperatures between -40 degrees Fahrenheit to 482

degrees Fahrenheit (-40 degrees Celsius to 250 degrees Celsius) and provides a read range on metal of up to 23 feet (7 meters), with an IP68 ruggedization rating.

Xerafy also offers several personalization options including tag programming, customized laser engraving, and a metal insert option for some applications.

"Manufacturers are transitioning to the networked, real-time capabilities of Industry 4.0," Khoo said. "With our new Micro X II Automotive tags, Xerafy helps automotive companies prepare for this transition by enabling the digitization of complex supply chain and manufacturing processes."

Tag samples of the Micro X II Automotive are already being tested by customers in the automotive industry, with shipping expected to begin by the end of the Q4 2017.

About Xerafy Ltd.:

Xerafy enables real-time traceability and asset management in Healthcare, Oil & Gas and Manufacturing. We lead in RFID innovations for demanding environments and redefine the market expectations for durable and reliable performance. Xerafy is headquartered in Hong Kong with offices in the U.S., U.K. and China.

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